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Automatic Classification of Spectra From the Infrared Astronomical Satellite (IRAS)

Peter Cheeseman, John Stutz, Matthew Self, William Taylor, John Goebel, Kevin Volk, and Helen Walker

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Automatic Classification of Spectra From the Infrared Astronomical Satellite (IRAS)

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1.0 Introduction

This document is intended to be an interim reference document for astronomers who are studying infrared sources and, in particular, those sources surveyed by the Infrared Astronomical Satellite, a joint program of the United States, the Netherlands, and the United Kingdom, which was operational between January and November 1983. Four detectors aboard the satellite recorded source spectral flux in four wavelength bands and a low-resolution spectrometer recorded source fluxes in the 8- to 22- μm wavelength range. Presented in this document are the results of automatic class discovery by the AutoClass II program [Cheeseman et al., 1988a and 1988b] as applied to the entire Low Resolution Spectra (LRS) catalog [IRAS Low Resolution Spectra Atlas. 1986] of the 5,425 sources collected by the Infrared Astronomical Satellite (IRAS) [IRAS Explanatory Supplement., 1985]. AutoClass II discovered 77 classes in the LRS catalog, many of which indicate subtle differences between spectra that are the result of as yet unknown astrophysical processes. The catalog and figures describing the classes found by AutoClass II form the bulk of this catalog. First, the primary 77 classes are presented. Each of these classes is shown by an overlay of the spectra of members of the class, as well as the mean spectra with the Rayleigh-Jeans blackbody component divided out. These 77 primary classes were themselves classified into 9 meta classes, as described below, and this metaclassification was used as the organizing principle for the primary classes. For example, class 21/γ0 is primary class 21, as well as the first class in the γ metaclass (these associations are shown in Table 1 of section 7.0). To aid interpretation of these spectral classes, the galactic positions of all the sources in that class are displayed on the same page. Also, the IRAS color-color plots (described in section 4.5) are given for all those sources in the class with sufficiently high quality flux densities in the 12-, 25-, 60-, and 100--μm bands. An associated commentary provides an initial interpretation of each class.

Many of the primary spectral classes were further split to show fine structure that was not apparent in the original class. These split classes are presented in this catalog following plot/commentary figures and tables of the primary classes. The class splits were found by applying AutoClass II to the subset of spectra belonging to each primary class. Only those classes with sufficiently large membership (> 90) were split. The presentation of the split classes does not include the galactic distribution or the IRAS color-color plots, because there are usually too few members in the split classes to give useful information. However, most split classes include initial interpretive commentary. The subclasses produced by the splitting of classes are identified by a colon between the class name and the subclass number, e.g., 21/γ0:0 is subclass 0 of primary class 21, also known as metaclass γ0 (detailed in Table 5 of section 9.0). The classification hierarchy can be shown diagrammatically:

```
                         5425 sources
                              ||
                          classified
                              ||
                              vv
      77 primary classes (0 -> 79, excluding 49, 52 & 67)
                              ||
                          classified
                              ||
                              vv
          9 meta classes (α, β, γ, δ, ε, ζ, η, θ & λ)
-------------------------------------------------------------------
        18 of the primary classes picked to be split classes
                              ||
                          classified
                              ||
                              vv
   total of 91 subclasses for 18 split classes (e.g., 8/β1:4, 21/γ0:0)
```

The AutoClass II primary classes correspond only weakly to the previous IRAS LRS classifications. The previous method of classifying spectra is described in the IRAS Explanatory Supplement [1985]. The first cross-reference in this catalog (Table 2 of section 7.0) gives the IRAS sources in each AutoClass class, and also contains the previous IRAS classification for comparison. Although the AutoClass classes include some classes that contain only a few noisy objects, the majority of the classes indicate subtle differences in the spectra corresponding to some astrophysical cause. A striking example can be seen by comparing class β0 with class β11 (the first and twelfth classes in meta class β), where the spectra are very similar, but the galactic distributions are very different. Note that these classes were discovered based only on their spectra. Well-known classes, such as the hot blackbody class, were rediscovered by AutoClass II (class 23/δ0). When Autoclass II was applied to the blackbody subset alone, for example, finer class distinctions were found that probably correspond to temperature differences or weak emission features superimposed on the blackbody curve.

In section 7.0 of this catalog are included cross-references for the entire LRS database (Tables 2 and 3). Table 2 contains all sources sorted by their most probable AutoClass class, and by IRAS name within each class. Entries also include the LRS classification, source association, and source type. Sources that have alternative AutoClass class probabilities greater than 0.1 are also listed with their alternative probabilities. This cross-reference allows easy identification of the sources within an AutoClass class.

In Table 3 we have provided another cross-reference between AutoClass class and IRAS source name, sorted by IRAS source name. This cross-reference allows easy identification of which AutoClass class a particular source belongs to, as well as providing additional information about each source, such as the 12-, 25-, 60-, and 100--μm fluxes, galactic coordinates, etc., as described below. These cross-references provide a convenient hard-copy source of information about LRS spectra that is not available elsewhere. They complement the graphs of individual

spectra found in the IRAS Low Resolution Spectra Atlas [1986].

In section 9.0, we provide cross-reference listings for the split classes. The listings sorted by AutoClass class number are similar to those for the entire LRS database. The listings sorted by IRAS name only contain the IRAS name and AutoClass class.

2.0 The Autoclass II Program

The AutoClass II program automatically abstracts a given database into classes. These classes provide insight into the patterns that occur in the particular domain, in the current case, infrared astronomical spectroscopy. The approach seeks to find the most probable classification given the data and prior probabilities. The most probable classification occurs when the members of a class are most predictive of each other -- a domain-independent form of "similarity." The details of the Bayesian criterion for classification and the search procedures used are available in Cheeseman et al. [1988a and b]. Section 13.0, *Appendix: AutoClass II Equations*, presents the Bayesian theory of finite mixtures, the mathematical basis of the AutoClass algorithm.

The classification procedure decides on the optimal number of classes, as well as the class definitions, using a Bayesian most probable posterior probability criterion. For computational speed, an approximate version of the Bayesian criterion for determining the optimal number of classes was used to produce this catalog. As a result there was a tendency to find excess classes. Because of this overclassification, classes with very small membership, such as class λ0, probably do not represent real differences from the major classes. The cases in these outlier classes are so noisy that it is very difficult to interpret their spectra relative to other spectra in the catalog. These classes are typically described in the class commentaries as having undefined source type and very poor signal to noise ratio. An alternative approximate version of AutoClass (not used here) that tends to underclassify, rediscovered all the strong classes, but eliminated the weak classes and merged some of the very similar classes.

Bayesian inference requires a model that gives the probability that any data instance belongs to any class. The simple model built into the version of AutoClass used for this catalog assumes that the individual spectral values (i.e., the fluxes for each spectral value) follow a normal distribution, and that the means and standard deviations for each spectral value are all independent. These assumptions are unnecessarily strong in the IRAS case, because inspection of any of the classes shows that adjacent spectral values are usually very close to each other. The current version of AutoClass does not take this interdependence into account, and so would find exactly the same class even if the order of the different spectral wavelengths was scrambled. Extensions to AutoClass to account for this kind of dependence are in progress. Note that Autoclass is a general-purpose automatic classification program that was not designed for use with spectral data. As a result it is making only very weak prior assumptions about the data -- it will work for any database. In particular, it used no astronomical or spectral modeling information in producing these classes; the classes are deduced from the spectral intensity data alone. This purely data-driven classification differs from the LRS Atlas [1986] classification scheme that was based on preconceptions about the spectra, e.g., silicate, silicon carbide, or line-emission features.

The AutoClass II program is written in Common Lisp and the classification presented in this document took about 200 cpu hours of computation time on a

Symbolics 3640. The user interface, which generated the plots and cross-reference listings included in this document, is written in Symbolics flavors and windows on a Symbolics 3640 running Genera 7.1. A much improved version of AutoClass (2.5), also in Common Lisp, is in preparation. A new catalog based on reprocessed spectra and extended versions of AutoClass may appear in the future if the results differ significantly from those presented here and there is sufficient interest in the Astronomical community.

3.0 Preprocessing and Calibration of the Infrared Spectral Data

Information about the IRAS Low Resolution Spectrograph is found in Chapter IX of the IRAS Catalogs and Atlases Explanatory Supplement [1985]. The IRAS Low Resolution Spectra Atlas [1986] database consisted of 5425 mean spectra for IRAS Point Sources. During the IRAS mission, each time a sufficiently bright point source was identified in the survey data stream, its LRS spectrum was extracted from the LRS data stream. An average spectrum was produced from the several retrieved spectra. For each source the spectrum contained 100 channels each for the blue band (from 7-μm to 14-μm) and the red band (from 10-μm to 24-μm). The spectra were expressed as integers with a scaling factor to convert the integers to units of $w\text{-}m^{-2}\text{-}\mu m^{-1}$. Additionally there was available for each source a scale factor to convert the LRS flux density to the observed IRAS Point Source flux density at 12-μm in Janskys ($10^{-26}\text{-}w\text{-}m^{-2}\text{-}Hz^{-1}$) and other information such as the number of individual spectra contributing to the averaged LRS Atlas spectrum, the LRS Atlas classification of the spectrum (LRSCHAR).

The preprocessing consisted of converting the integers to $w\text{-}m^{-2}\text{-}\mu m^{-1}$. The joined spectra consisted of blue channels 30 to 73 (7.8-μm to 13.5-μm) and red channels 26 to 74 (10.9-μm to 22.9-μm) for the AutoClass II classification. The spectra were scaled so that the total energy under the curves was the same for every spectrum (equal area normalization).

Section IX.B.4 (of the Explanatory Supplement [1985]) refers to the fact that α Tau was used as the calibration source for conversion of sample values to flux densities, assuming that it had a temperature of 10000 K (instead of the true value around 4000 K). This has caused hot stars to show excess flux at the bluer LRS wavelengths. Classes 23/δ0, 26/δ3, 51/λ7, 60/λ16, 62/λ18, 68/λ24, and 71/λ27 show this effect. The ratio of α *Tau* to a 10000 K blackbody is not totally satisfactory; the blue and red bands of the LRS spectrum show a systematic shift one from the other, and there is a small downturn at the shortest wavelengths. This separation of blue and red bands is often noticeable in the brightest featureless spectra.

We also encountered, occasionally, a problem with negative flux densities at the longer LRS wavelengths, suggesting that too high a baseline may have been removed from the original data. See, for instance Figure 8, the spectral plot for class 3/α3.

4.0 The Classification Results

There are 77 populated classes in the most probable classification, out of eight separate classification runs. Since the AutoClass search can produce slightly different classifications from different random starting values (due to local maxima), the classification presented here is not unique. However, all eight runs produced essentially identical classes. More runs were not attempted because of computational time limitations.

The classification of the primary classes is presented in section 6.0 as spectral plots, IRAS color-color plots, galactic distribution plots, and class commentaries. Section 7.0 contains tables of all sources sorted by AutoClass class (Table 2.0), and sorted by IRAS source name (Table 3.0). Table 2.0 contains catalog references. The priority in which the catalog name was extracted from the associations list of the IRAS Point Source Catalog [1985] is given below, referenced by IRAS catalog number from the PSC list:

```
       Stellar: 17, 19, 15,  1,  7,  2, 16, 18, 13, 40.
       Nebular: 11, 22, 21, 20, 23.
 Extragalactic:  6,  9, 12, 10, 29, 25, 26, 27, 28, 30, 31, 39.
         Other:  4,  3,  8, 14, 24.
```

For the Bright Star Catalog (no. 15), the full spectral type is given. For the Michigan Spectral Catalog (no. 40), the spectral type is moved from the source name field to the spectral type field, leaving the source name field blank.

The class membership weights are also listed in Tables 2.0 and 3.0. These give the probability that each source belongs to a given class. Note that in nearly every case, the probability of membership is so close to 1.0 in the most probable class that no other possibilities are given. However, a few have significant class probability in other classes and are listed as well.

It became obvious that analysis of the large number of classes would be facilitated by grouping related classes in metaclasses. The 77 classes were classified, producing nine metaclasses. The metaclasses were generated by running AutoClass II with 77 composite spectra, representing each of the classes found during the basic classification. This was done by using mean spectra values for the 93 bands of each class. The primary classes were then reordered to conform with the metaclassification. The mapping between the primary classes and the metaclasses is presented in Table 1 of section 7.0. A nomenclature for the metaclasses was adopted that uses Greek alphabet characters and numbers, e.g., class 21/γ0 is primary class 21, as well as the first γ metaclass.

In the commentary attached to each class, the header notes the dominant type of source or spectrum in the class (e.g., carbon-rich, featureless). From the metaclassification we find that the α classes are carbon-rich sources with silicon carbide emission; the β classes are oxygen-rich with silicate emission; and the δ classes are mostly featureless, hot blackbodies. The characteristics of the other metaclasses are less certain; the γ classes are generally cold blackbodies with silicate absorption or polycyclic aromatic hydrocarbon (*PAH*) emission, the ζ classes are warmer blackbodies with silicate absorption or *PAH* emission, the ε metaclass is probably a silicate emission metaclass, and the η metaclass is probably a silicate absorption metaclass. The λ metaclass is a mixture of silicate emission classes and other emission feature classes, together with a few weak feature carbon-rich classes. The characteristics of the θ metaclass are uncertain.

4.1 Comparison with the IRAS LRS Atlas

Using our nomenclature, the LRS Atlas had 84 classes (referred to as LRSCHAR), of which 11 were empty and 10 were metaclasses; whereas our scheme has 77 classes and 9 metaclasses. The AutoClass II program has problems in handling spectra with glitches still present, and in handling types of spectra which are

poorly represented in the database (e.g., line spectra). The ability of AutoClass to distinguish subtle features is best demonstrated by the silicate emission spectra classes, since around 3000 spectra show these features at 10-μm and 18-μm. The original LRS scheme used mainly classes 21-29 and 62-69 to classify silicate emission in terms of feature strength; the β metaclass (β0-β11) and some of the λ classes, use not only feature strength, but feature peak wavelength, the ratio between the strengths of the 10-μm and 18-μm features, and the presence of an additional feature at 13-μm, to determine the AutoClass class of the spectrum. Some λ classes have no 10-μm feature, but only 13-μm and 20-μm features. The blackbody spectra, in the δ metaclass, are separated on the basis of S/N (signal to noise ratio) and infrared excess at the longer LRS wavelengths: these are the classes most affected by the calibration problems. It should be stressed that the AutoClass II program was applied to the LRS spectra alone, and the plots of galactic distribution and IRAS color-color diagrams were produced as an aid to analysis. The small differences in the LRS spectra, often invisible to the naked eye, resulted in the observed separation of local and distant populations of objects.

4.2 Layout of Plots for Each Class

The AutoClass II user interface produced three types of plots: spectral, galactic distribution, and IRAS color-color. These plots are described in the following sections. In section 6.0, the three plots for each of the 77 primary classes are presented, along with commentary about its characteristics and significance, on two facing pages for ease in viewing all the class plot information simultaneously.

For each class commentary, the header contains the class number, the metaclass designation, the number of sources in that class, the predominant type of source contributing to that class (if possible), and an estimate of S/N. An asterisk by the source type denotes that there are a significant number of sources of another type in the class. In the silicate emission classes, the letters A-D are appended to the source type to show that different types of 10-μm feature were found and separated. Among the characteristics given for the class are the temperature of the underlying blackbody continuum in the LRS wavelength domain, as judged by matching the observed LRS spectra to the curves given in section 4.6, and the temperature derived using the IRAS colors from the source's position relative to the blackbody line in the IRAS color-color diagrams (see fig. 3b). Using the dispersion in galactic latitude, and the given scale height, a mean distance to the sources in that class can be estimated, assuming a uniform distribution of sources. Using this estimated mean distance and the mean 12-μm flux, it is possible to derive an estimate for the mean absolute magnitude (M_{12}) of the class, if the class contains sources which are very similar to one another. From the strength of the silicate features it is sometimes feasible to comment on the stage of evolution of the stars -- normally that they are (evolved) asymptotic giant branch (*AGB*) stars. In the Point Source Catalog [1985] (PSC2), the VAR flag measures how much variation there was in the 12-μm flux among the sightings of the source by IRAS. When VAR is greater than 90, it is very probable that the 12-μm flux from the source is variable; when VAR is less than 20 it is very unlikely that the 12-μm flux (observed by IRAS) is variable. Stars are not usually mentioned by name in the class comments, the names will be found in section 10.0, containing notes on individual stars. In that section will also be found more speculative comments on the types of sources giving rise to the observed spectra.

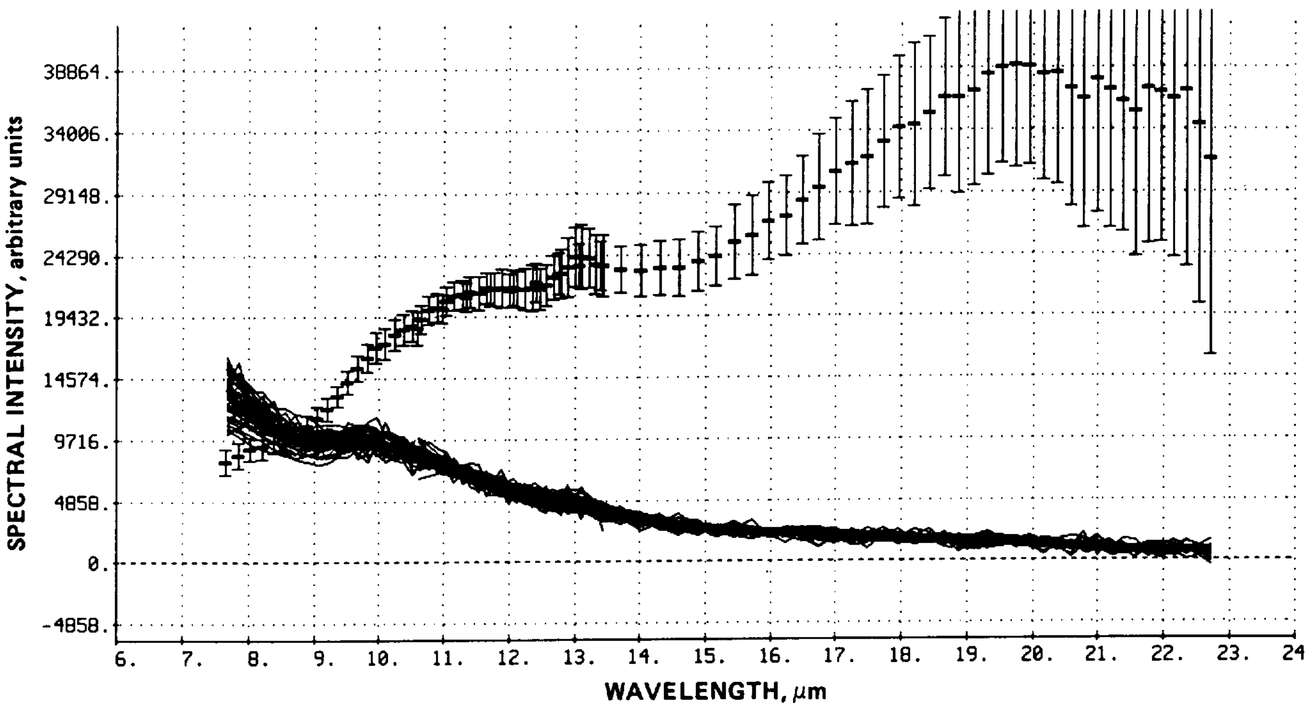


Figure 1.– Spectral plot example.

4.3 Description of the Spectral Plots

These plots (e.g., fig. 1) display the spectral intensity (y-axis) of the class sources as a function of wavelength (x-axis) by overlaying the actual spectral values (the lower bunched curves) for up to the first 50 members of the class. Only the first 50 are plotted (if available) to avoid saturating the display. Included on these plots are the means and standard deviations of the source intensity of all the sources for the class (the upper points with "error" bars), with the black-body radiation component (given by the Rayleigh-Jeans Law: intensity/wavelength^4) divided out. The means and standard deviations are scaled to fit into the range of the plotted source spectral intensities.

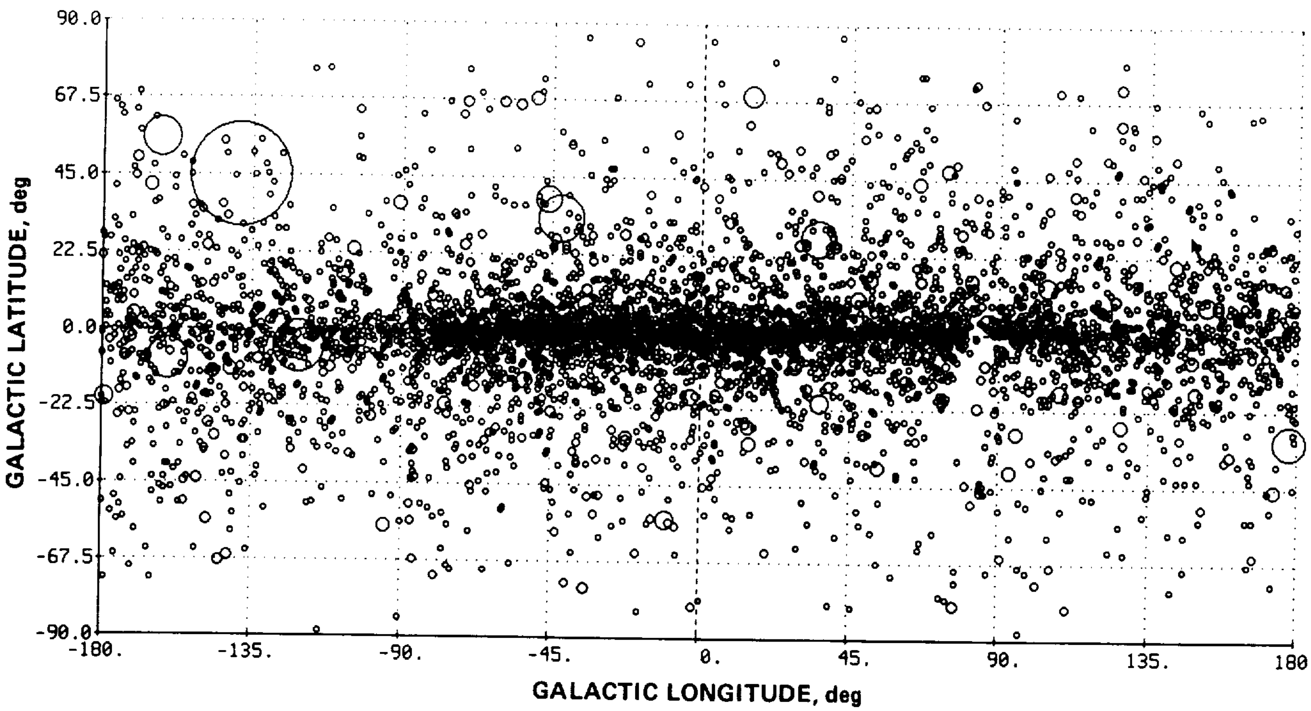


Figure 2.– Galactic distribution plot example.

4.4 Description of Galactic Distribution Plots

The galactic distribution plots (e.g., fig. 2) display the location and relative intensity of the infrared sources of each class found by AutoClass II. The plot above shows all 5,425 sources. The x-axis is galactic longitude, displayed as running from -180^0 to +180^0 (Note: this is not the usual astronomical convention) The y-axis is galactic latitude (-90^0 <-> + 90^0) and the circles represent the relative intensity as directly proportional to the area of the circle. *IRC+10216* is the only source bright enough to have its name written inside its circle.

Table 3. *Cross-reference by IRAS Name of Complete Database* lists galactic longitude, running from 0^0 to +360^0.

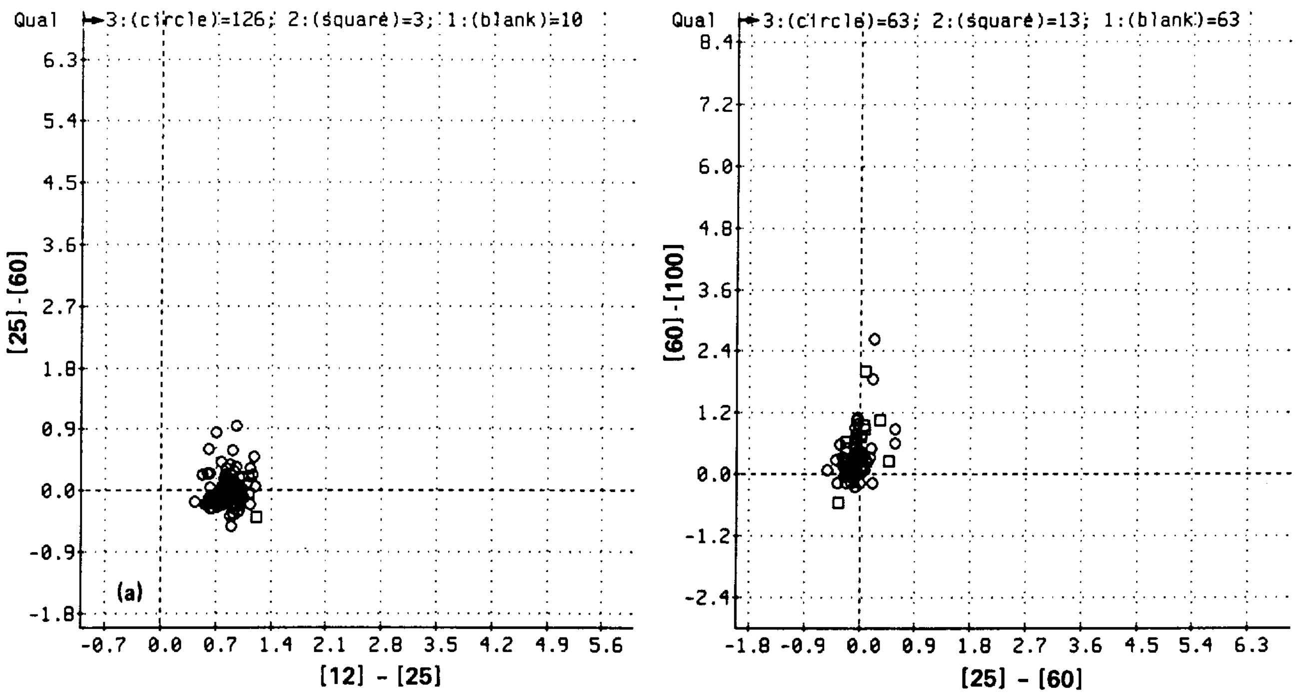


Figure 3a.– IRAS color-color plot example.

4.5 Description of IRAS Color-Color Plots

The IRAS color-color plots (e.g., fig. 3a) are derived from the broad band flux densities at 12-μm, 25-μm, 60-μm, and 100-μm, plotted in terms of non color-corrected IRAS magnitudes. The magnitudes are defined using the following equations:

$$[12] = 3.63 - 2.5*\log_{10}(\mathrm{flux}_{12}) \quad ; \ 12\ \mu m$$
$$[25] = 2.07 - 2.5*\log_{10}(\mathrm{flux}_{25}) \quad ; \ 25\ \mu m$$
$$[60] = 0.19 - 2.5*\log_{10}(\mathrm{flux}_{60}) \quad ; \ 60\ \mu m$$
$$[100] = -0.92 - 2.5*\log_{10}(\mathrm{flux}_{100}) \quad ; \ 100\ \mu m$$

For each set of fluxes in the Point Source Catalog [1985] (PSC2) there is a flux quality flag (FQUAL) and this is used in the plots to show the reliability of the plotted point (see fig. 3a). Circles are used to depict those sources which have the best quality, most reliable flux density measures (FQUAL=3) for all three values used in the color-color diagram. A square is used if the flux quality drops to two (marginal) in any one of the three values to be used for the color-color diagram. The points are not included (i.e. blank symbol) if the flux quality drops to 1 (upper limit) for any of the three values to be used in that color-color diagram.

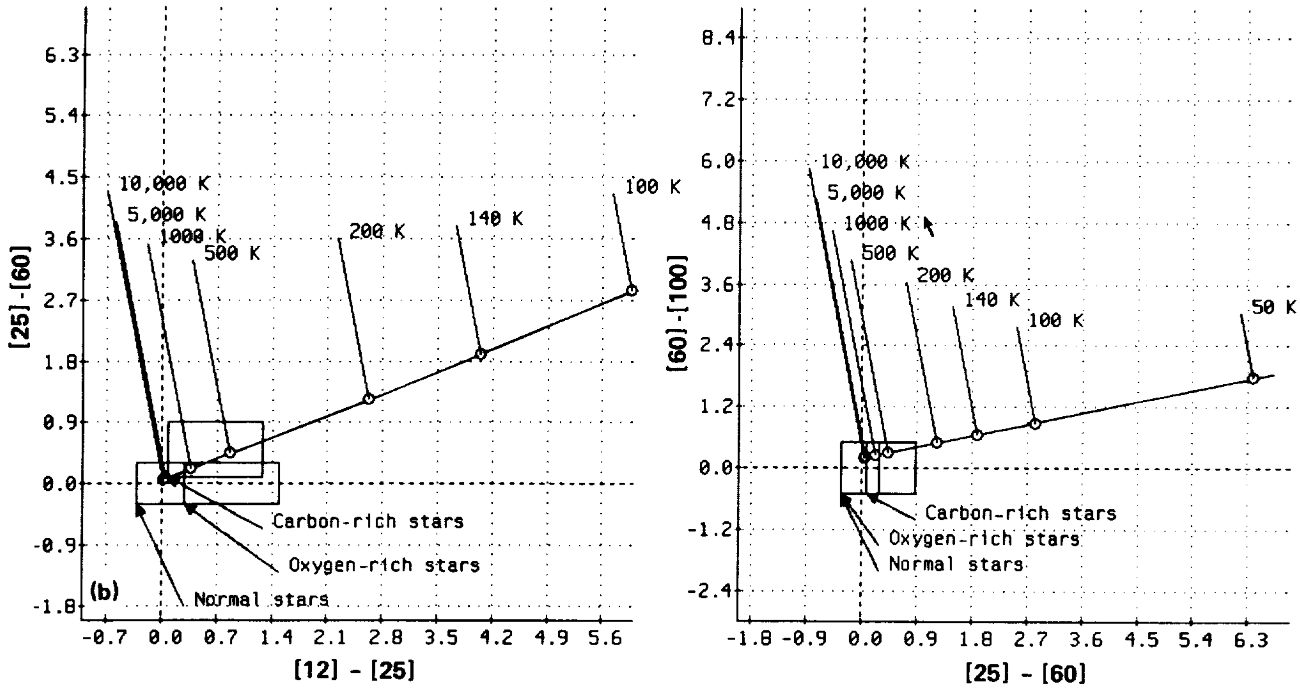


Figure 3b.– IRAS color-color zones and blackbody line.

Figure 3b shows in the IRAS color-color paradigm, the blackbody line with a series of labeled points showing the location on the line of certain temperatures. Three regions (occupation zones) are shown in the figure, defining the regions in the color-color diagram where normal stars, oxygen-rich stars, and carbon-rich stars would most likely be found. The values are taken from Walker & Cohen [1988] and are for non color-corrected magnitudes. Since the magnitudes are not color-corrected, a hot blackbody will not have all colors equal to 0.0. For the individual objects within a class, no color correction is attempted, since it is the clustering, or lack of it, that is important. The occupation zones are defined by the following:

source type	[12]-[25]	[25]-[60]	[60]-[100]
Normal	-0.3 - 0.3	-0.3 - 0.3	-0.5 - 0.5
Oxygen-rich	0.3 - 1.5	-0.3 - 0.3	-0.5 - 0.5
Carbon-rich	0.1 - 1.3	0.1 - 0.9	-0.5 - 0.5

Figure 3c shows the positions of the mean colors for all the AutoClass II primary classes in a pair of [12]-[25], [25]-[60] diagrams. In this case the assumption that a mean color is valid for the class implies that color-correction is appropriate; hence these magnitudes are color-corrected. The occupation zones are superimposed on the class positions after color correction, using the values from Cohen et al. [1987]. The type of source dominating the colors of a class is, in many cases, obvious.

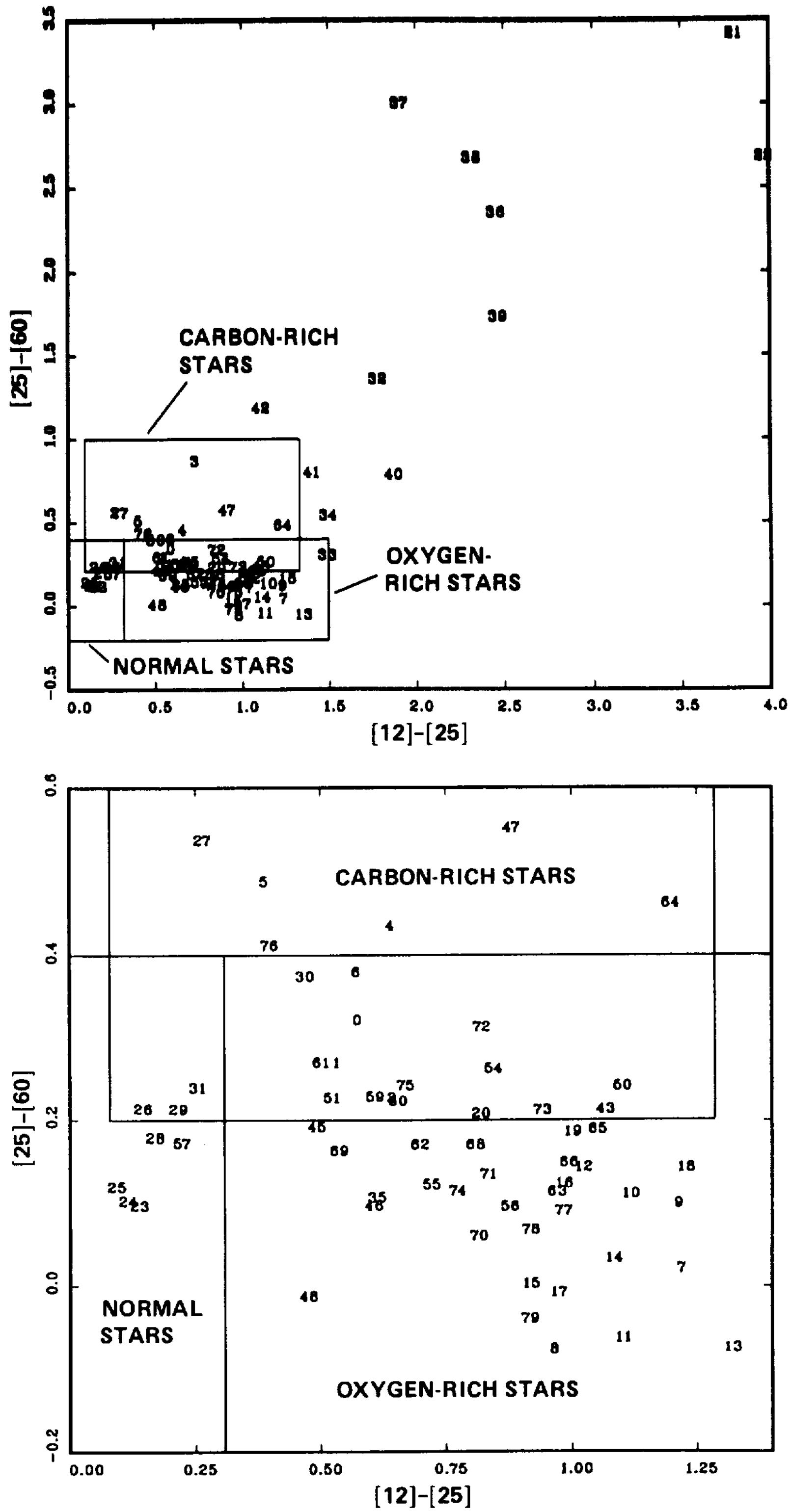
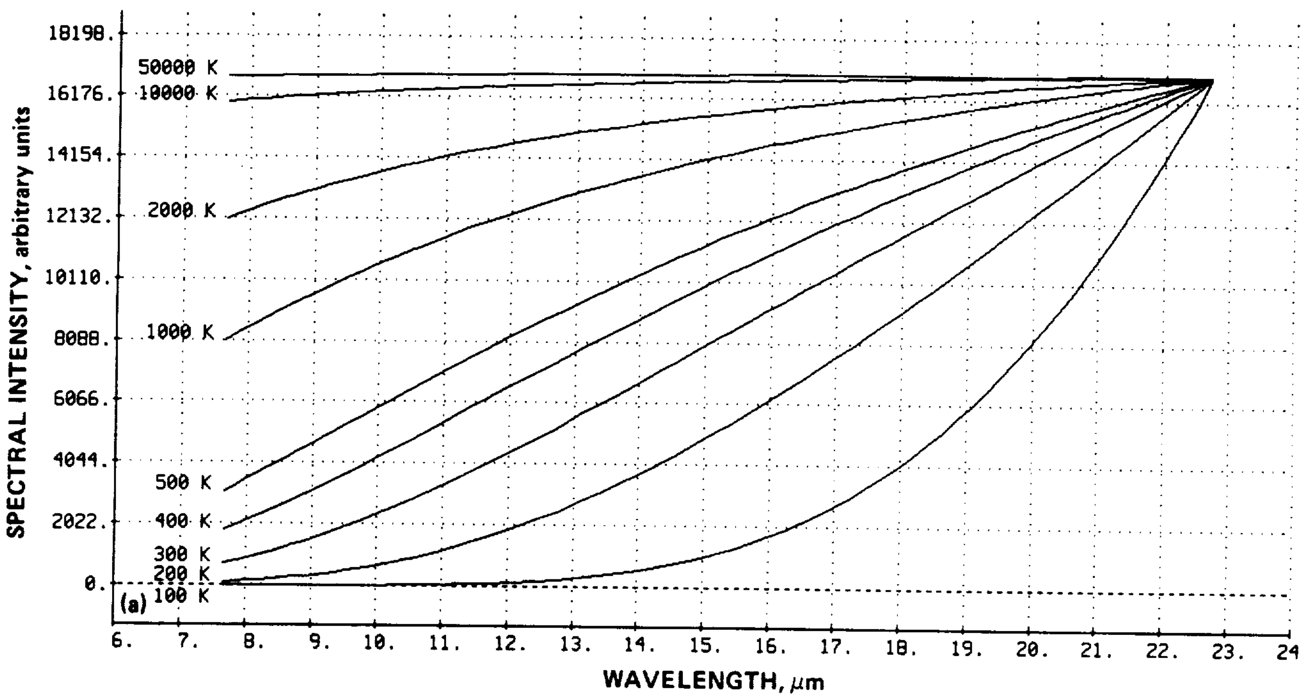


Figure 3c.– Color corrected color-color zones and class mean colors.

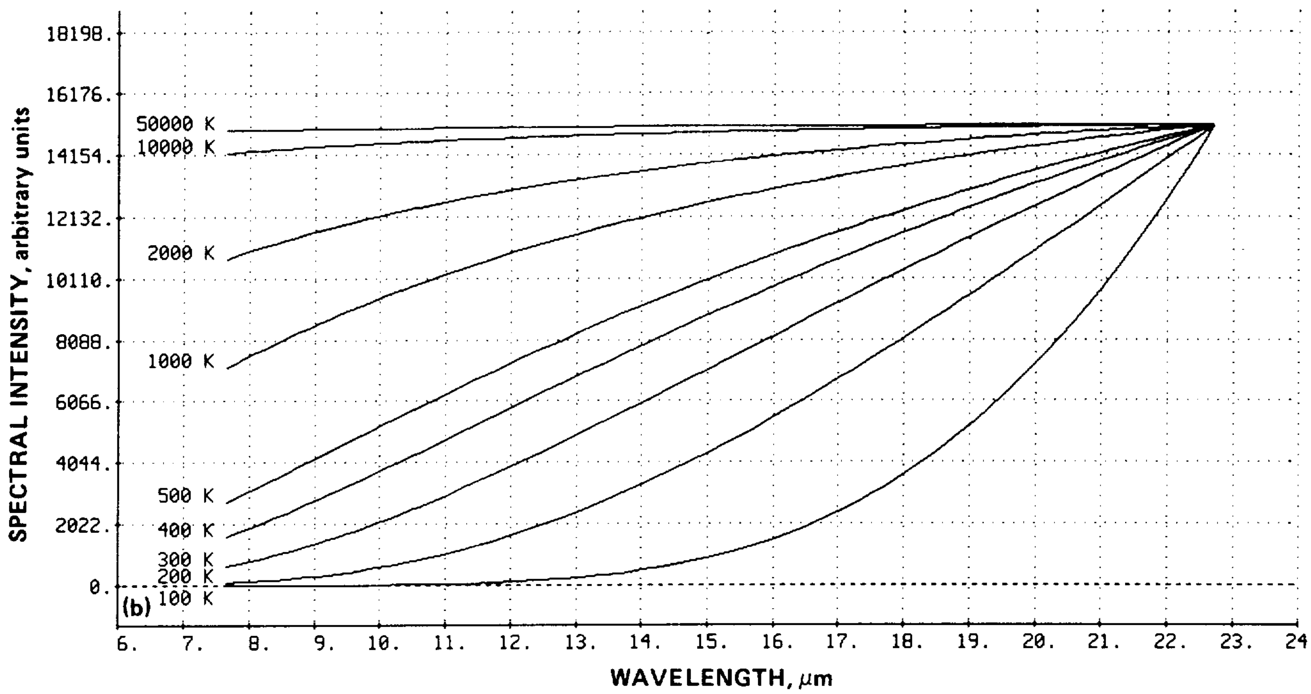
4.6 Blackbody Source Plots

In order to compare IRAS source spectra, normalized by the Rayleigh-Jeans law to blackbody sources, Figures 4a. through 4e. are available. They follow this discussion. These figures display families of blackbody source spectral intensities vs. wavelength. The variation of the curve families is by temperature and the five plots are scaled in gradations from the maximum datum intensity (fig. 4a) to the minimum intensity (fig. 4e).

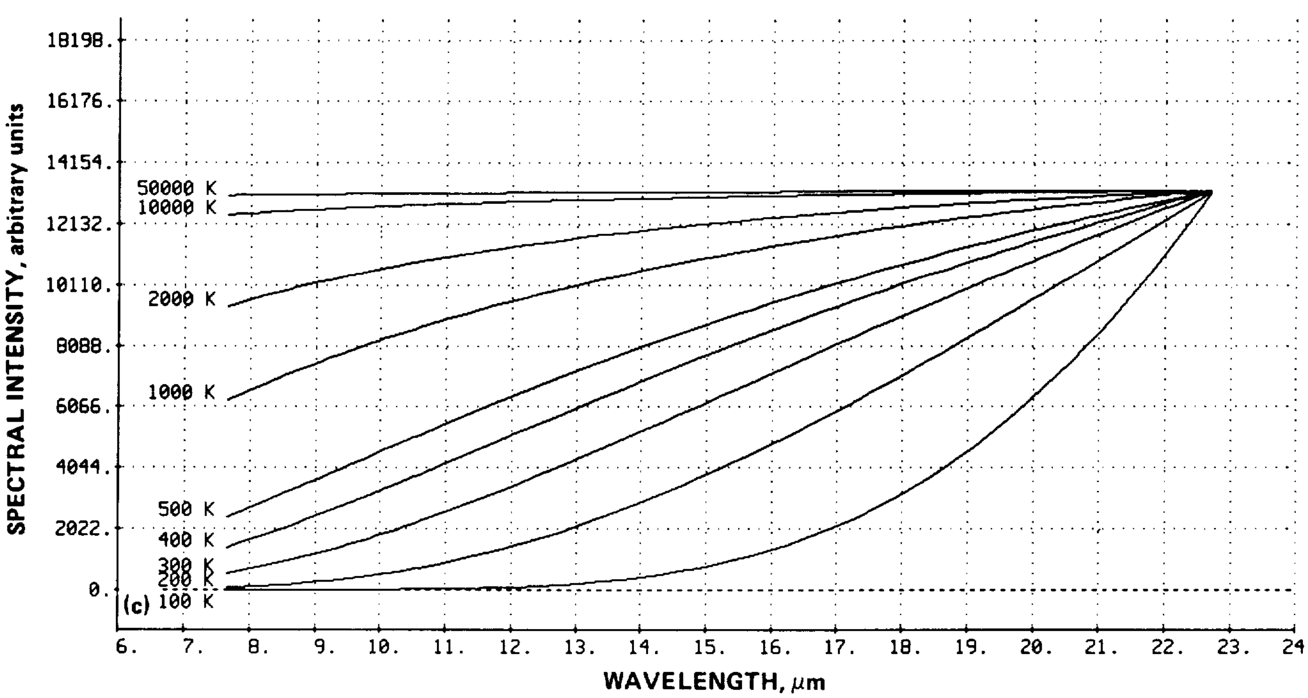


(a) 1

Figure 4.– Blackbody intensity vs. wavelength vs. temperature.

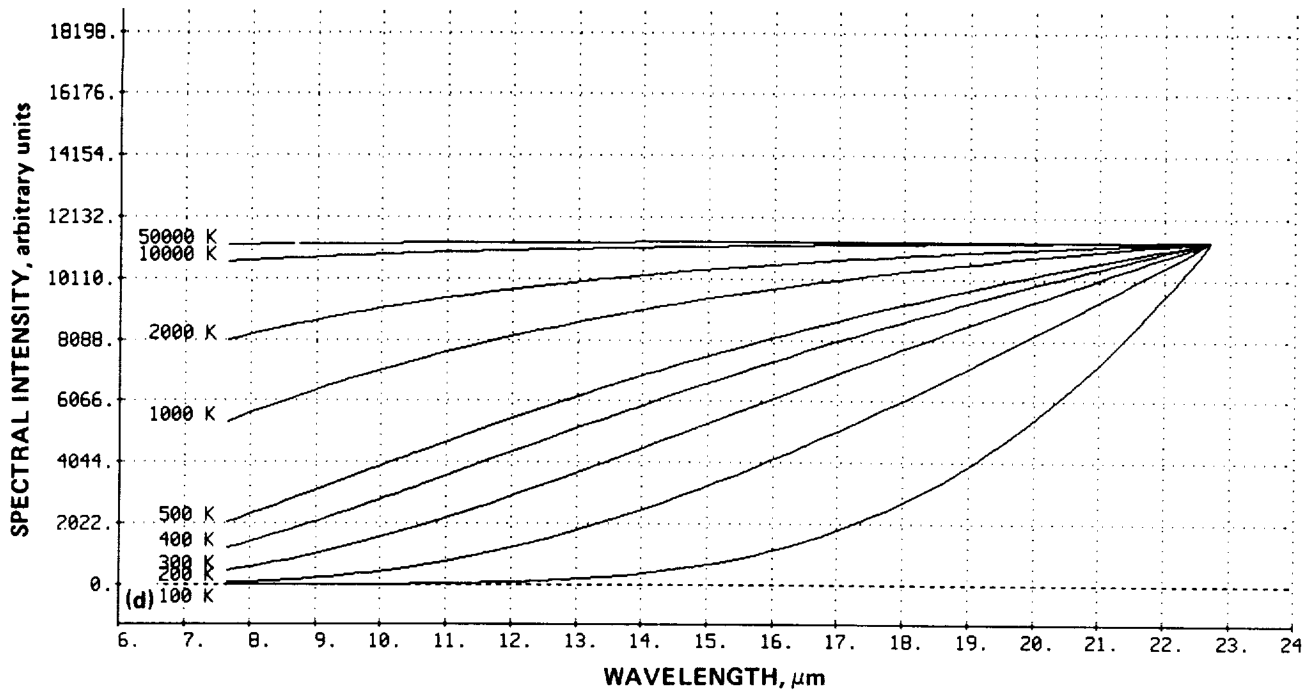


(b) 2

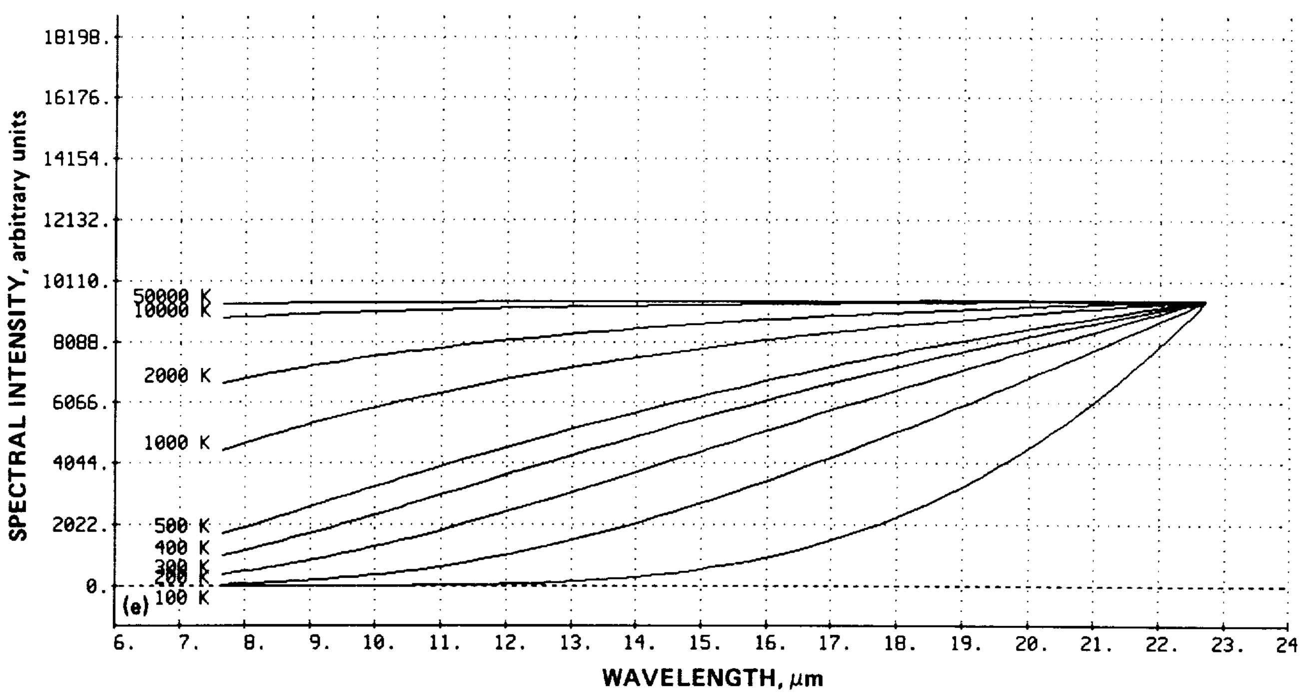


(c) 3

Figure 4.– Continued.



(d) 4



(e) 5

Figure 4.– Concluded.

4.7 The Split Classes

Eighteen of the primary classes found from the complete 5,425 source database were sufficiently large that they were each classified with AutoClass II to further subclassify the sources. A summary of these classifications is found in Table 5 of section 9.0. Plots of the spectral type (described in section 4.3) are presented in section 8.0 for the subclasses of each of these eighteen classes. Cross-reference tables sorted by AutoClass class and IRAS name are presented in section 9.0 for each of the split classes.

4.8 The Cross-References

Cross-references of the sources and the AutoClass classes assigned are found in section 7.0 for the complete database and in section 9.0, for the split classes. Descriptions of the format and content of these cross-references will be found in section 7.0 at the start of each of the two listings. The first cross-reference listing is of the sources sorted by the AutoClass class assigned and within each group of sources in a particular AutoClass class, the sources are sorted by IRAS name. The second cross-reference listing is of the sources sorted by IRAS name.

In section 9.0 there are pairs (the two types) of listings for each of the eighteen split classes.

4.9 An Example of Cross Validation

The robustness of the AutoClass classification of the LRS Atlas was tested by searching for all known carbon stars [Goebel et al., 1988]. The classes which were predominantly populated by known carbon stars or had metaclass α membership were collected as a group. These included classes $0/\alpha0$ through $6/\alpha6$, $30/\delta7$, subclasses $64/\lambda20{:}1$ through $64/\lambda20{:}3$, $74/\lambda30{:}1$ and $74/\lambda30{:}5$. This "bona-fide" carbon star list was then compared with the known listings of the General Catalog of Cool Carbon Stars (catalog 17 of Table 4.) and the new carbon star lists of Little-Marenin et al. [1987]. We did not test for catalog 17 association specifically.

Catalog	Membership	AutoClass Search
New list (Little-Marenin)	176	161
Well known list (Little-Marenin)	65	57

The known carbon stars in Little-Marenin's lists which did not appear in the AutoClass search were easily seen to be in other mixed classes which had significant carbon star membership. Either the signal/noise was different or the overall temperature was different from the "bona-fide" classes. In addition there were 120 new probable carbon stars which were not included in Little-Marenin's lists. It was found that most of the 120 new probable carbon stars had low signal/noise. Some new probables seemed to have characteristics of other metaclasses. Apparently "scratchiness" (high-frequency noise) and spectral features (low-frequency noise) are indistinguishable to AutoClass. Stars with good signal/noise and unusual spectra (e.g., *T Lyr*) are underepresented statistically in

the LRS database and no class is generated for them. They are then put into the best possible class, based upon temperature, signal/noise, and gross spectral feature definition.

4.10 Summary

This catalog shows the power of a new Bayesian automatic classification method applied to the entire IRAS low-resolution spectra database. Because this method does not use any prior astronomical knowledge, the classes it finds are due to the spectral data alone. The result is a classification that differs considerably from the previous (human) LRS classification. In particular, it has shown many subtle differences in the spectra that were previously unnoticed. This is largely possible because the averaging of spectra within a class gives well-defined spectral intensities, even though the individual spectra within a class are very noisy. Study of the classes and split-classes in this catalog, along with the the information in the cross-references, may lead produce insight into stellar evolution. The AutoClass II program used to generate this catalog is a proof of concept using the simplest of models. Further research, currently under way, is leading to better models. In the meantime, this is the unbiased classification of the LRS Atlas. It is at least as informative as previous human classifications.

5.0 Figure and Table Indexes for Sections 6.0 through 9.0

6.0 Figures (Plots and Commentary) for the Complete Data Base

6.0 Figures (Plots and Commentary) for the Complete Data Base
continued

Section 7.0 Tables for the Complete Data Base

Section 8.0 Figures (Plots and Commentary) for the Split Classes

Section 9.0 Tables for the Split Classes

6.0 Figures (Plots and Commentary) for the Complete Database

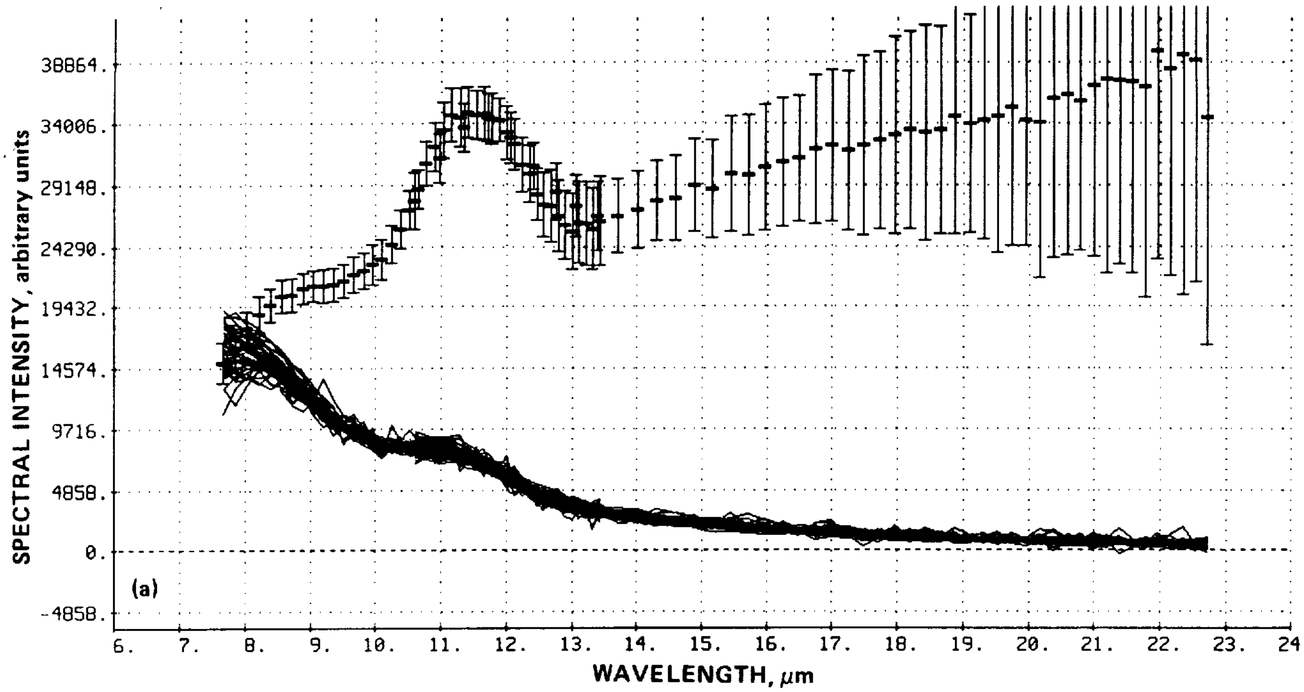
In this section we present, on successive pairs of facing pages for ease in viewing, the three plots for each of the 77 primary classes, along with commentary about their characteristics and significance.

Note: Classes 49/λ5, 52/λ8 & 67/λ23 are empty classes.

The following abbreviations are used in the commentaries:

Jy	Jansky - source flux density - 10^{-26}-watt-m^{-2}-Hz^{-1}
*	asterisk after the source type denotes that there are a significant number of sources of another type in the class.
S/N	estimate of signal-to-noise
M_{12}	absolute source magnitude at 12 microns
m_V	visible magnitude (Johnson V magnitude)
μm	microns - 10^{-6} meters
VAR	variability of the 12-μm flux density measurement: 0 - no variability
pc	parsec - 3.261633 light years
kpc	10^3 parsecs
K	absolute temperature - degrees Kelvin
[12]-[25]	color value in relative magnitudes of the 12-μm and 25-μm wavelengths
PAH	polycyclic aromatic hydrocarbons
AGB	asymptotic giant branch, a type of star

All catalog numbers refer to Table 4 of section 7.0, *Astronomical Catalog References.* Astronomical terms are presented in *italics.*



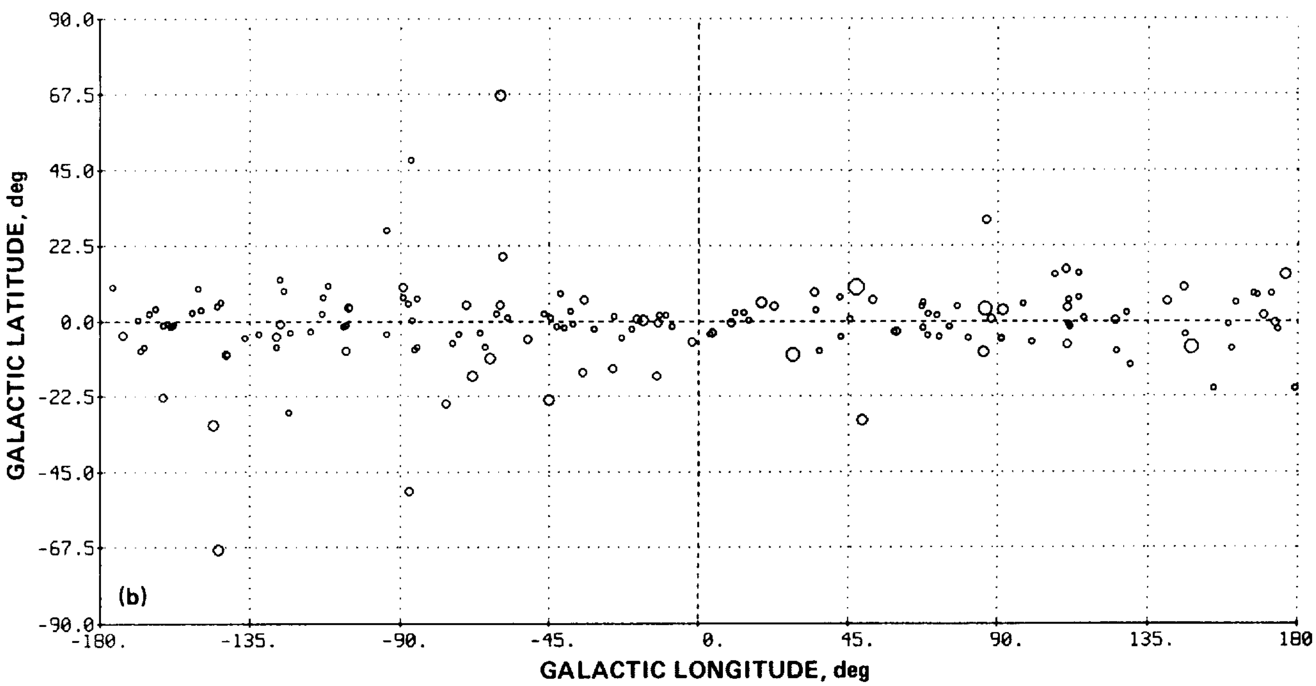


Figure 5.– Plots for Class 0/α0. (a) Spectral; (b) galactic.

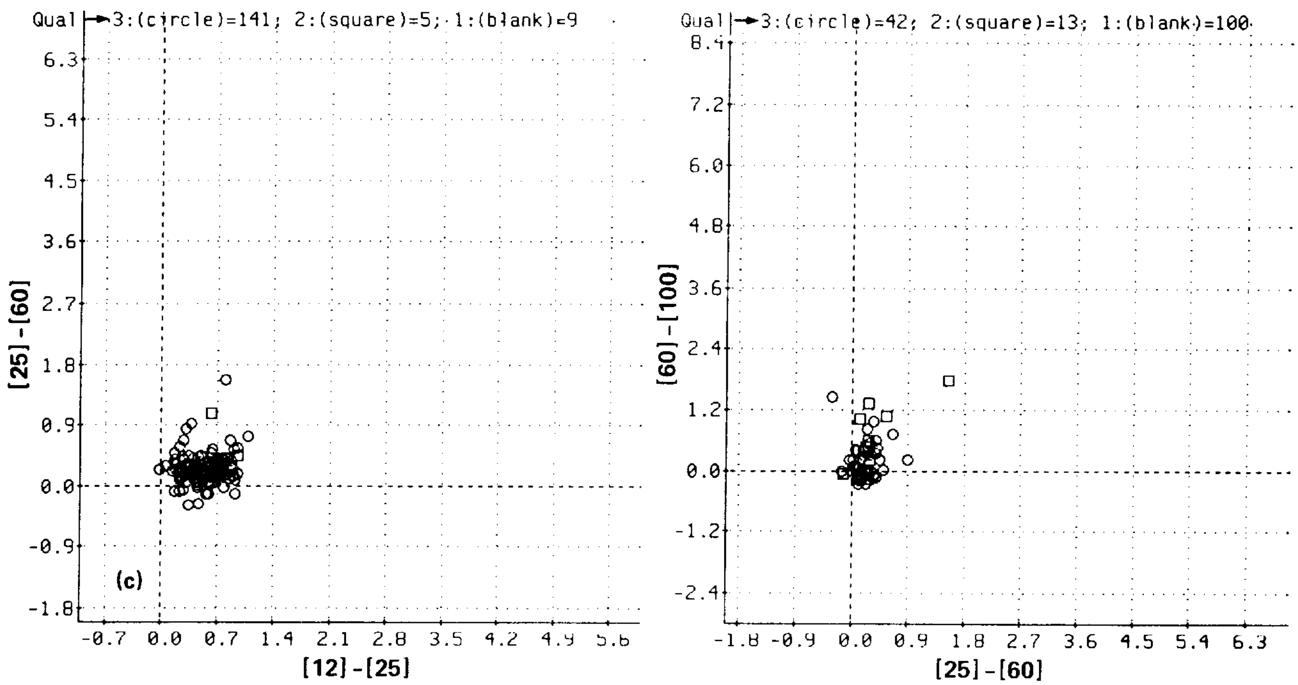


Figure 5.– Concluded. (c) Color-color.

Commentary for Class0/α0

Source count: 155; Source type: Carbon-rich; S/N: Very high.

These sources show the 11.5 μm emission feature, and absorption at 8 μm. The continuum slope in the LRS suggests a temperature around 1,000 K, and the IRAS broad band colors imply a temperature above 500 K. They have a moderate dispersion in galactic latitude (+/- 22.5^{0}) and are found at all galactic longitudes; if a scale height of 200 pc is assumed for the sources they have an estimated mean distance of 1.5 kpc. About half of the sources have no association or only an association in the RAFGL catalog (catalog number 3); about 70% of the sources that have another association are associated with catalog 17 (Catalog of Cool Carbon Stars). There are a few *M* stars in this class. The 12 μm flux densities range from 13.9 Jy to 665.1 Jy, and a few of them have anomalous IRAS colors. Half the sources have a VAR >= 90.

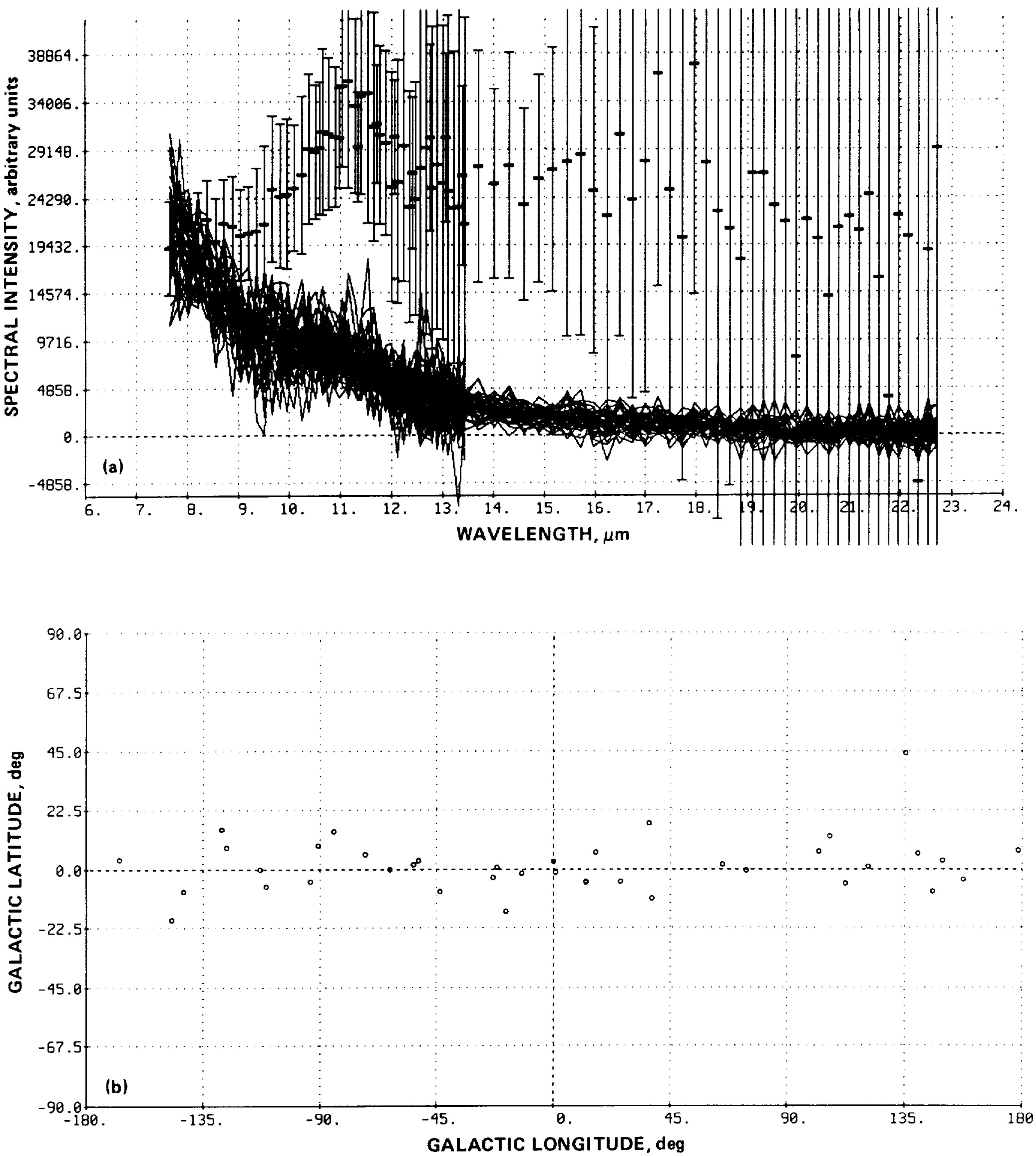


Figure 6.– Plots for Class 1/α1. (a) Spectral; (b) galactic.

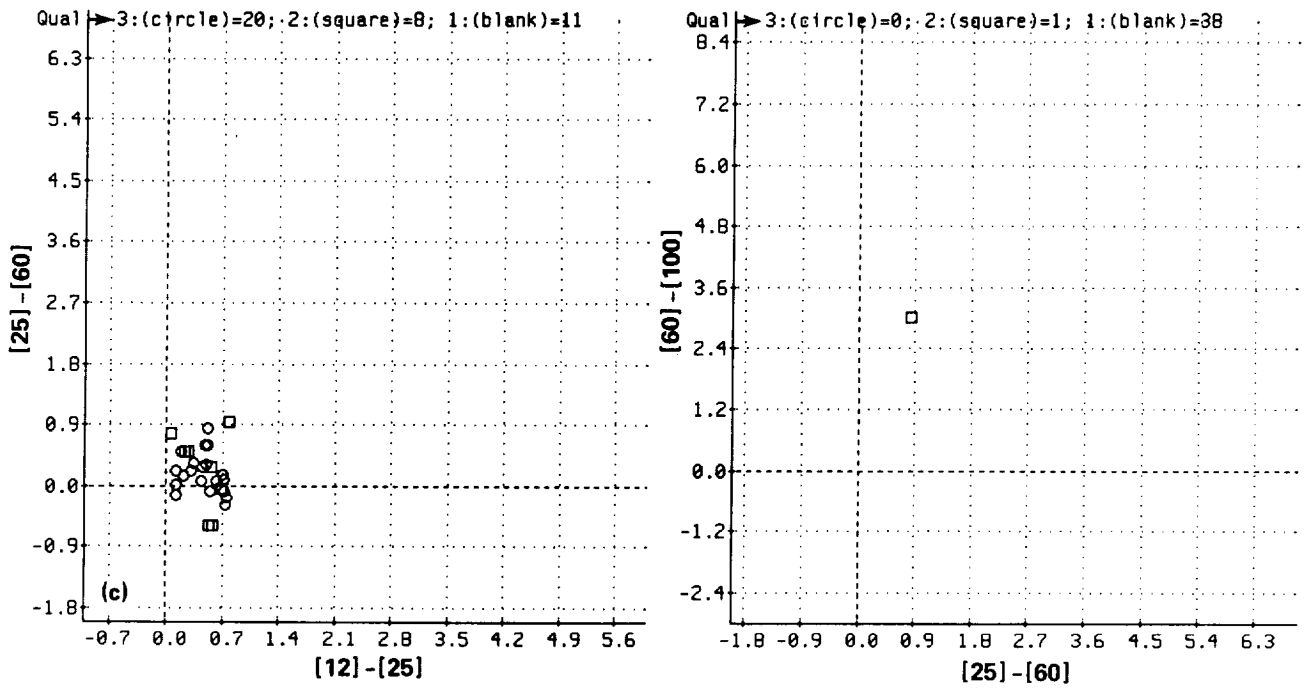


Figure 6.– Concluded. (c) Color-color.

Commentary for Class 1/α1

Source count: 39; Source type: Carbon-rich; S/N: Noisy.

These sources show the 11.5 μm emission feature; the feature may be weaker than in class 0/α0, but the noise makes comparison difficult. The underlying continuum is bluer than class 0/α0. The LRS continuum slope suggests a temperature around 2,000 K, and the colors imply a temperature above 500 K. They have a similar galactic distribution to class 0/α0. Only 7 of the sources have a stellar association, of which three are for carbon stars and one is *Lynds 1199*, a dark cloud. The 12 μm flux density ranges from 6.72 Jy to 20.26 Jy, and the IRAS colors are similar to class 0/α0. These sources are generally of low IRAS variability.

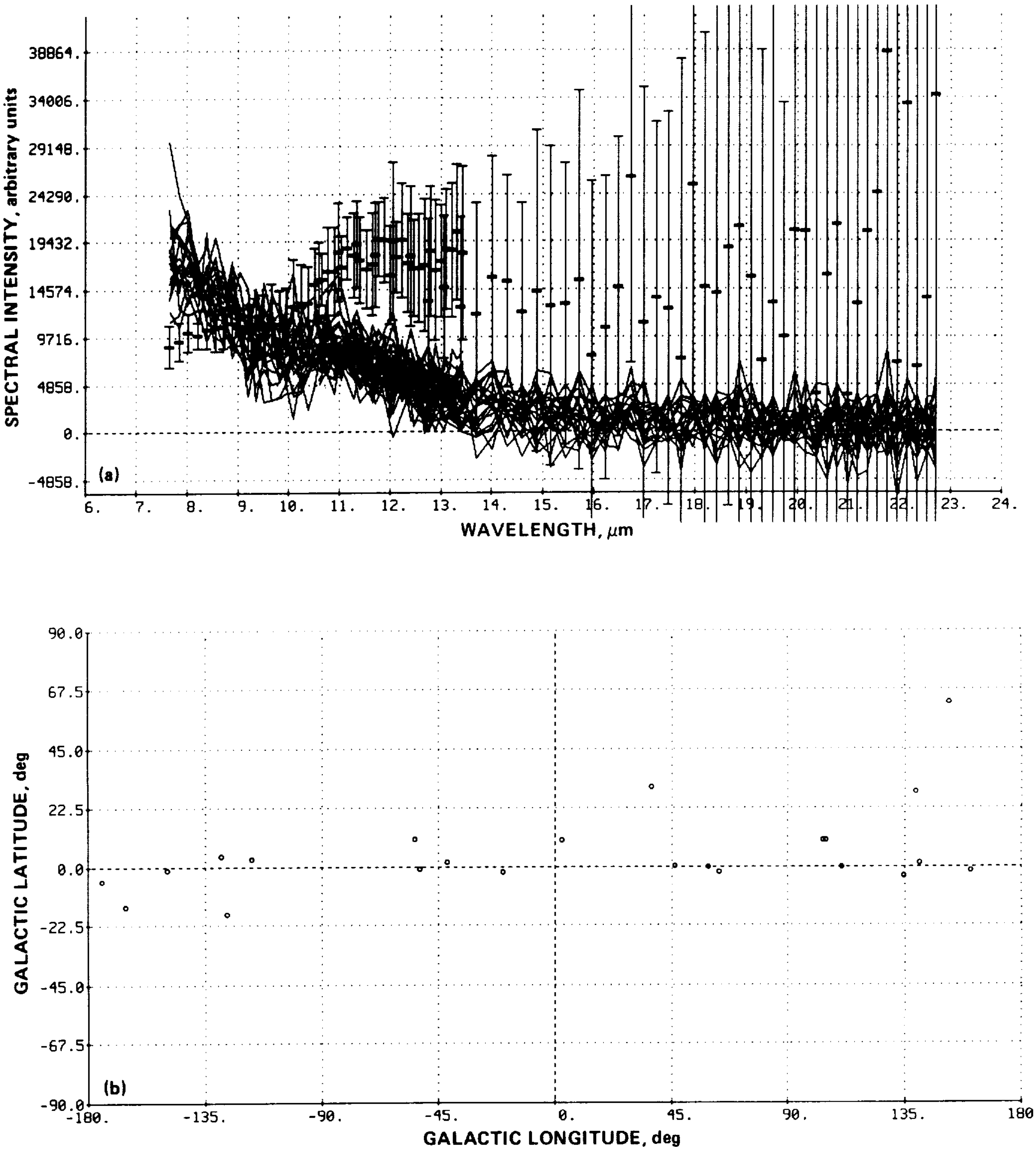


Figure 7.– Plots for Class 2/α2. (a) Spectral; (b) galactic.

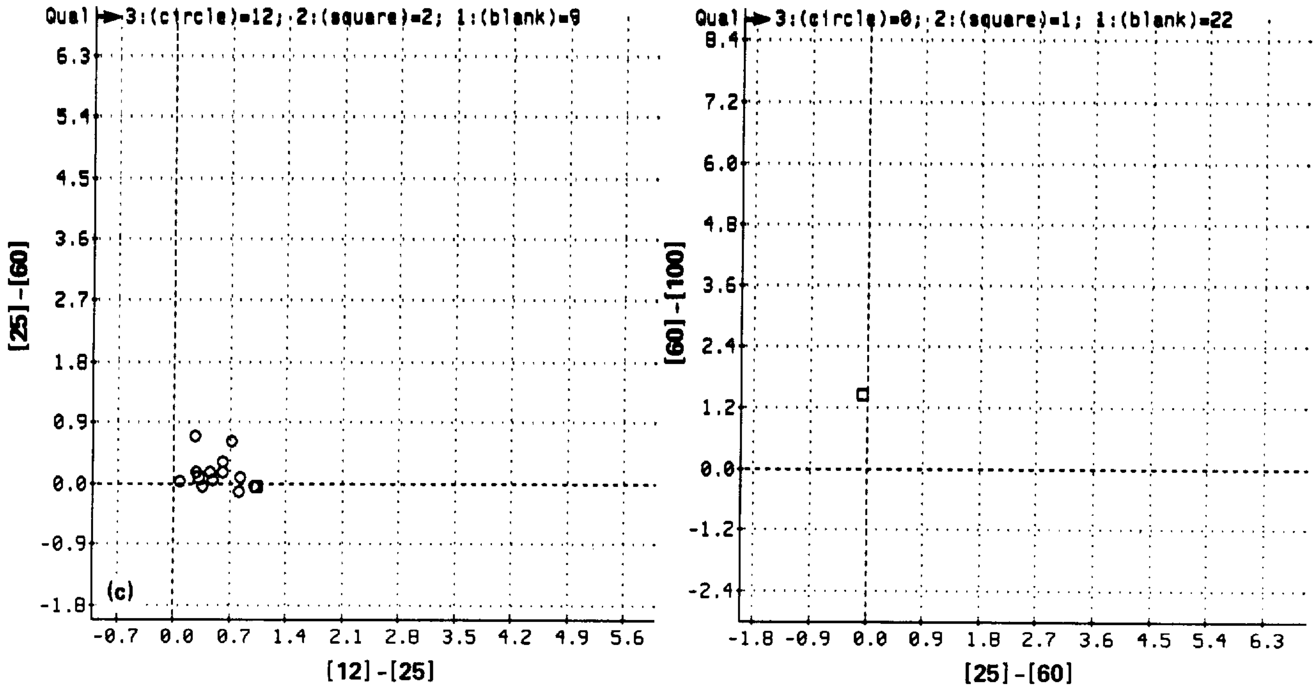
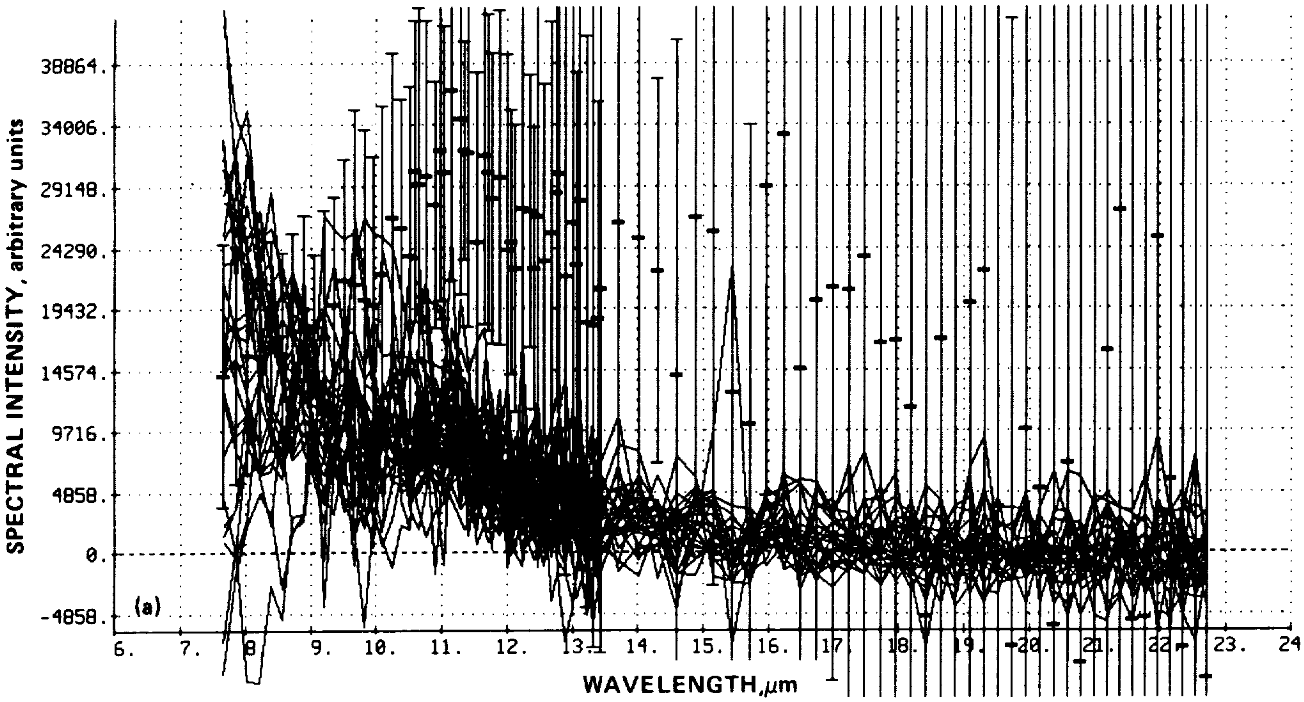


Figure 7.– Concluded. (c) Color-color.

Commentary for Class 2/α2

Source count: 23; Source type: Carbon-rich; S/N: Very noisy.

These sources show a very weak 11.5 μm emission feature, weaker than class 1/α1. The continuum is more like class 0/α0 than class 1/α1. The LRS continuum slope suggests a temperature of around 1,000 K, and the colors imply a temperature above 500 K. The galactic distribution is similar to that of classes 0/α0 and 1/α1, with a slightly larger dispersion in latitude. The associations indicate the group is not homogeneous; there is one carbon star, one *B4IIIe* shell star and one *M* supergiant. The 12 μm flux density ranges from 6.66 Jy to 12.72 Jy. About half the sources have VAR >= 90.



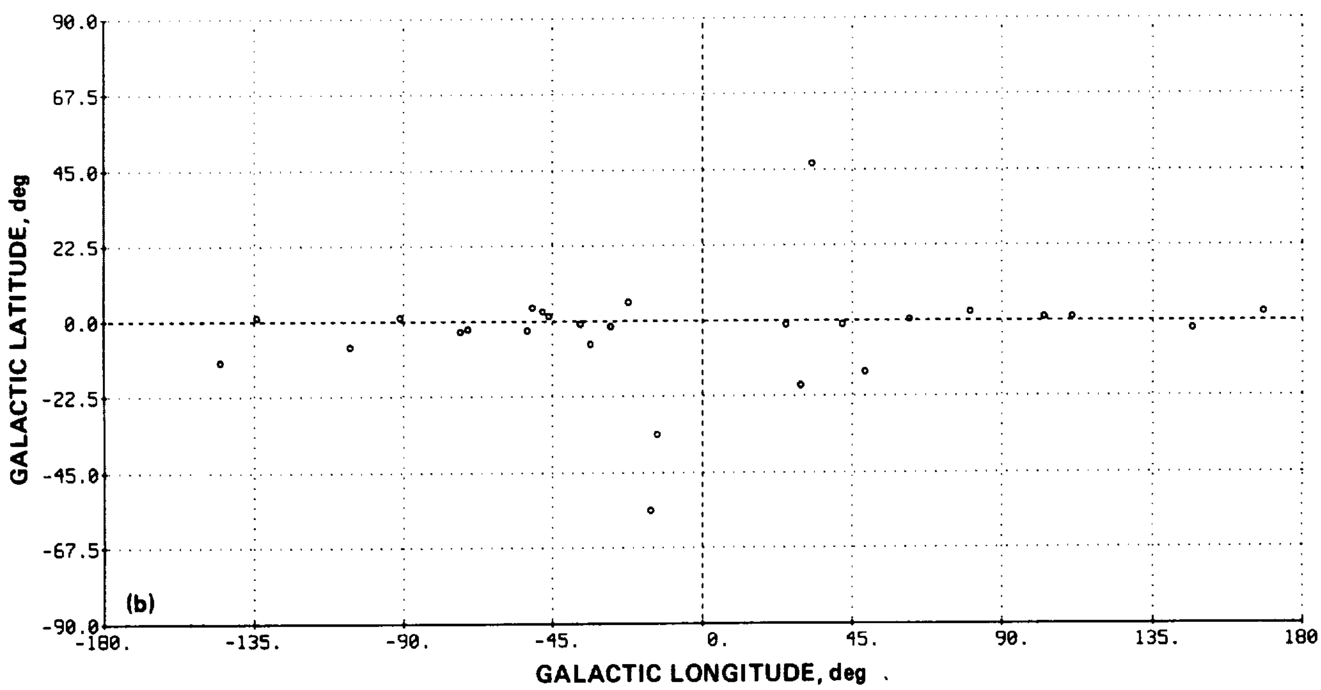


Figure 8.– Plots for Class 3/α3. (a) Spectral; (b) galactic.

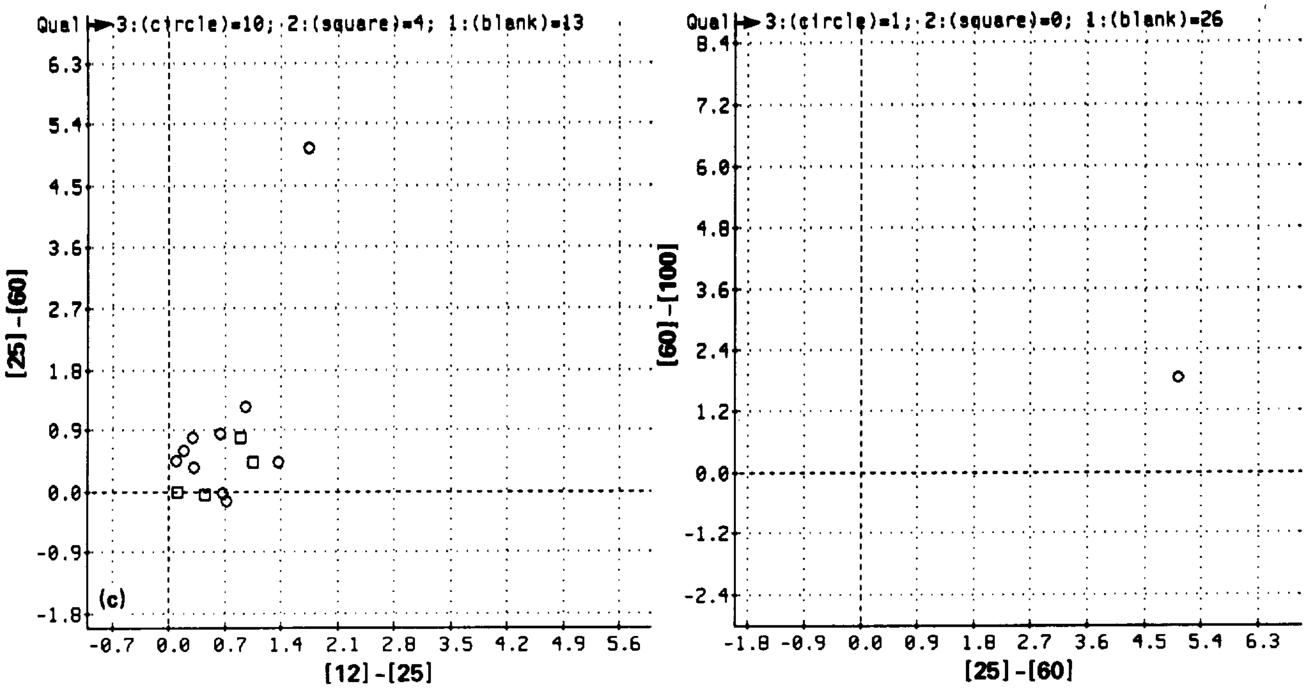


Figure 8.– Concluded. (c) Color-color.

Commentary for Class 3/α3

Source count: 27; Source type: Carbon-rich; S/N: Very noisy.

These spectra are very noisy, but there is evidence of the 11.5 μm feature. The colors suggest the group is not pure. The LRS continuum slope suggests a temperature around 2,000 K, and the colors imply a temperature above 400 K. The galactic dispersion is the same as for the previous groups. Of the 10 sources with stellar associations, 4 are carbon stars. The 12 μm flux density ranges from 3.38 Jy to 11.46 Jy. Most of the sources have low VAR values.

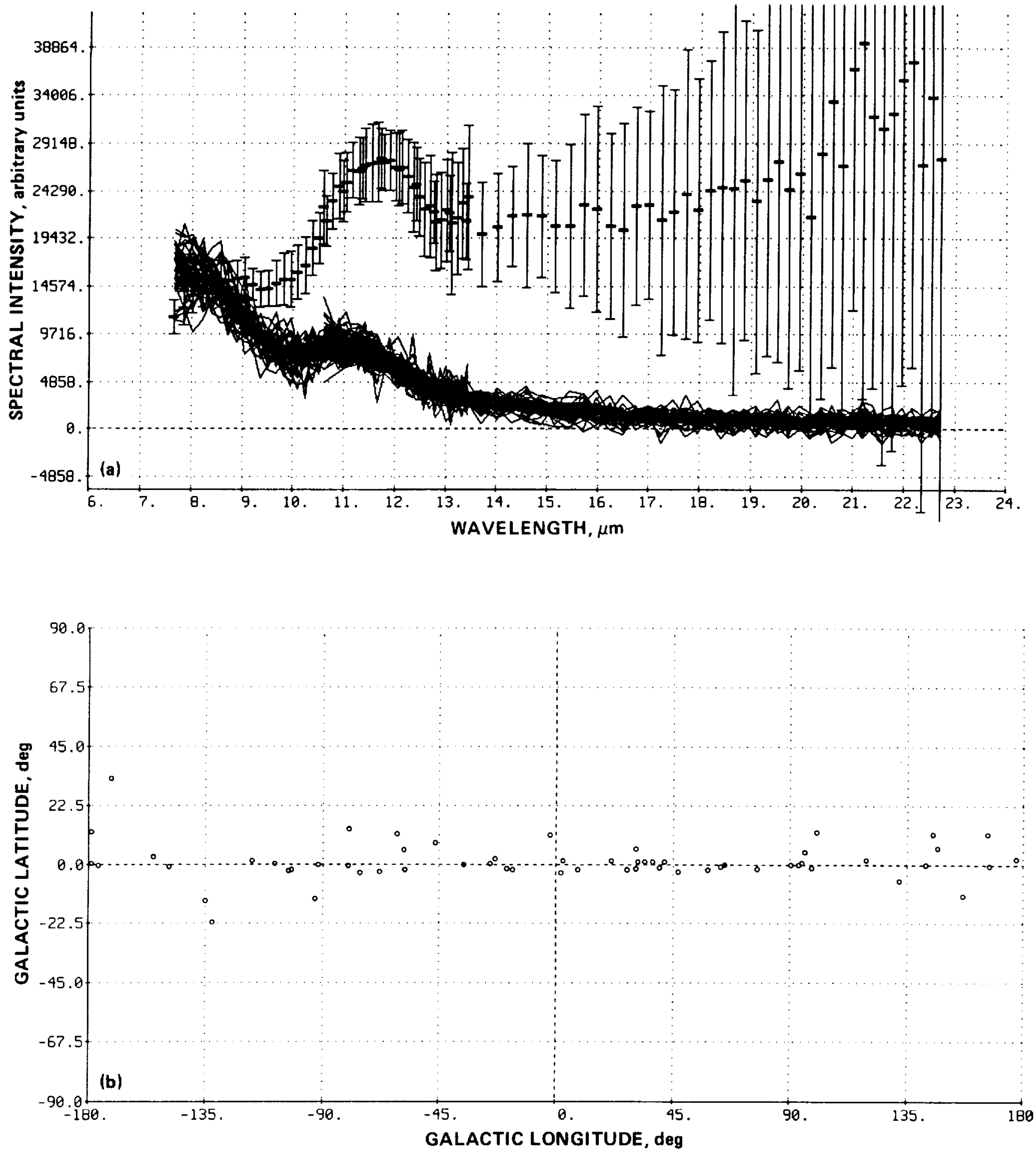


Figure 9.– Plots for Class 4/α4. (a) Spectral; (b) galactic.

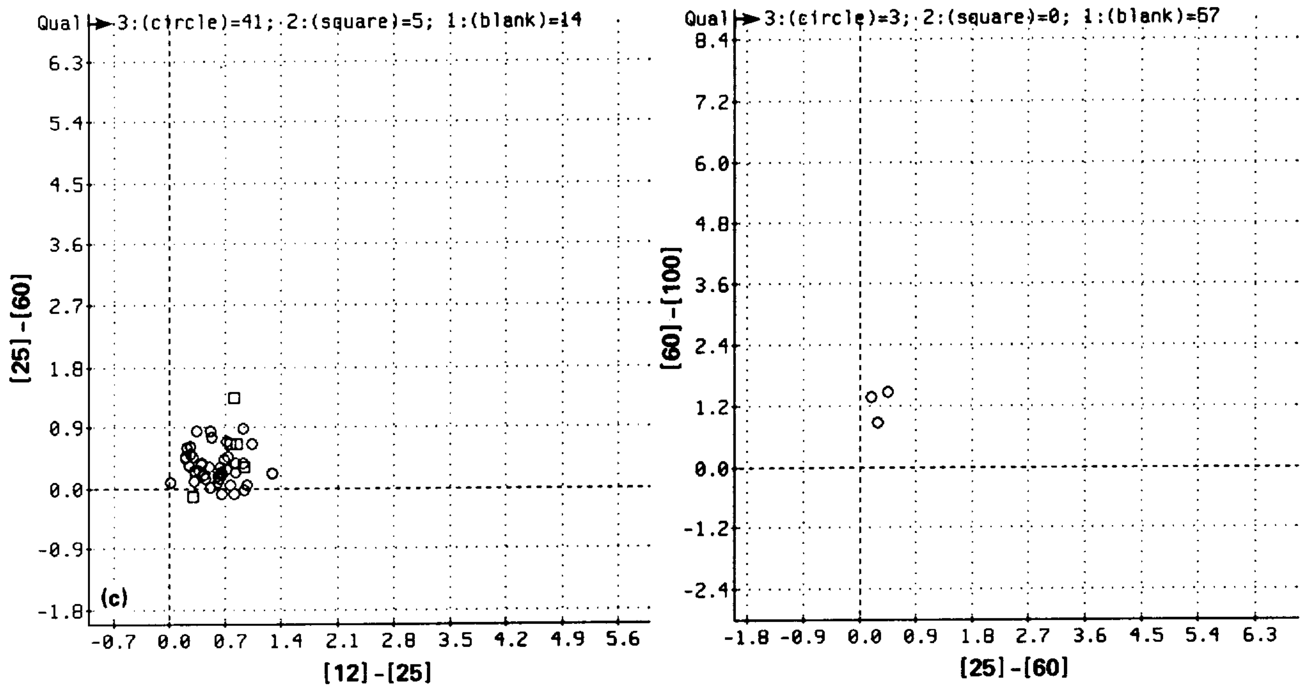


Figure 9.– Concluded. (c) Color-color.

Commentary for Class 4/α4

Source count: 60; Source type: Carbon-rich; S/N: High.

These sources show a strong 11.5 μm emission feature, and possibly emission at 23 μm, they are similar to class 0/α0. The LRS continuum slope suggests a temperature of 1,000 K, and the colors imply a temperature higher than 400 K. The dispersion in galactic latitude is possibly a little smaller than with the other classes. For an assumed scale height of 200 pc, the estimated mean distance is 3 kpc. Ten of the 11 stellar associations for this class are to carbon stars, but 80% of the group have no association. The 12 μm flux density ranges from 10.24 Jy to 47.33 Jy. Most of the sources have VAR >= 90. This class is probably a more distant analogue of class 0/α0.

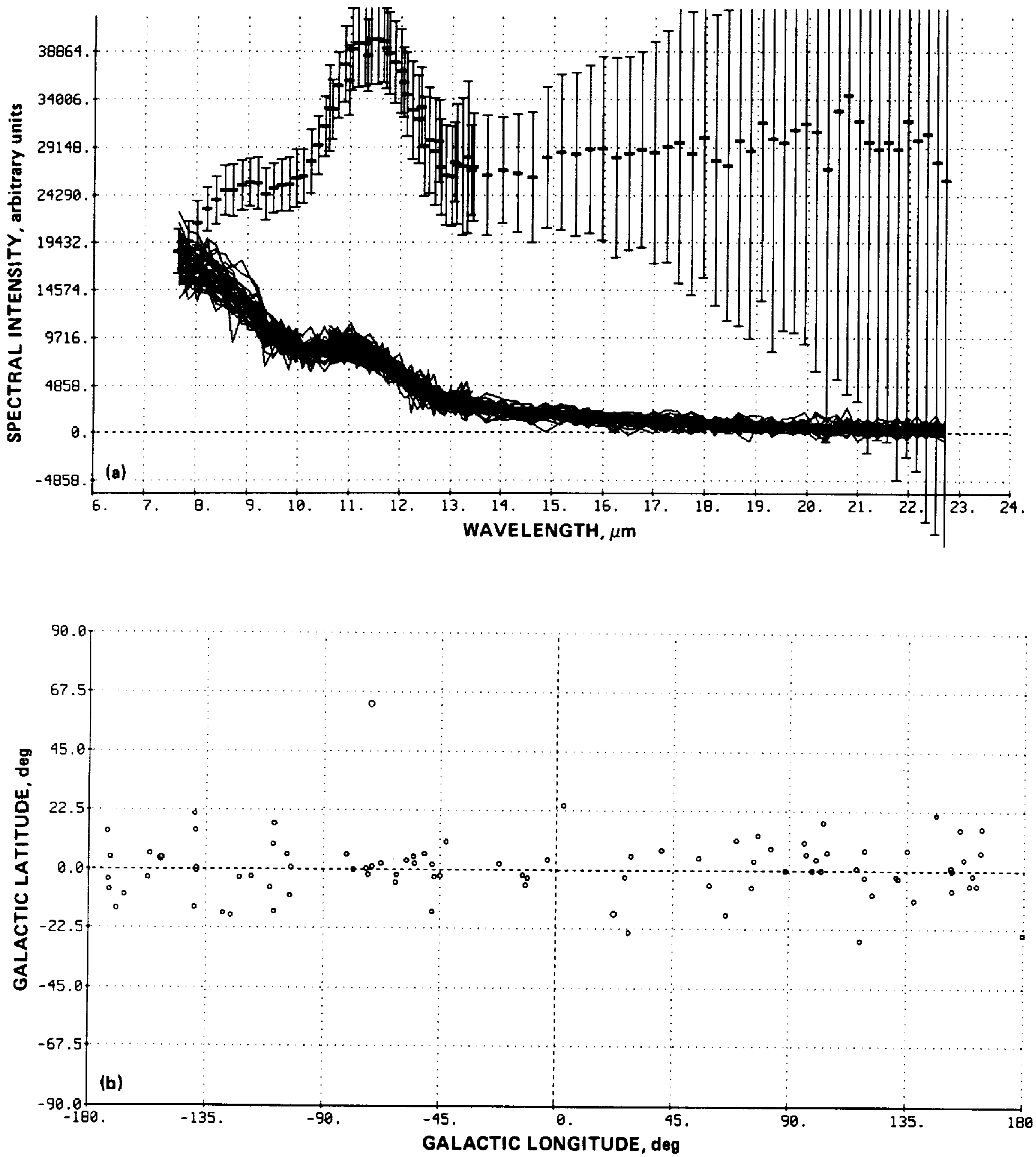


Figure 10.– Plots for Class 5/α5. (a) Spectral; (b) galactic.

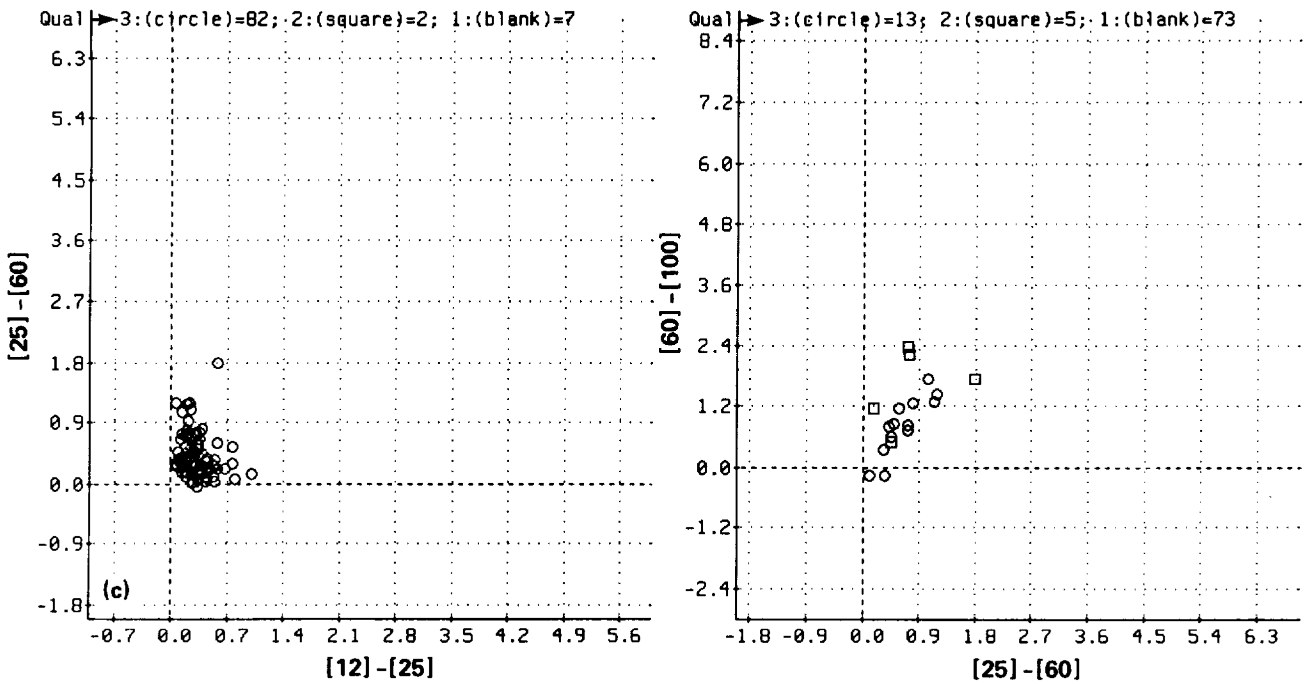


Figure 10.– Concluded. (c) Color-color.

Commentary for Class 5/α5

Source count: 91; Source type: Carbon-rich; S/N: High.

These sources show a strong 11.5 μm emission feature, with possibly absorption features at 8 μm and 14 μm. The LRS continuum slope suggests a temperature of 2,000 K, and the colors imply a temperature of higher than 500 K. The high [60]-[100] is unusual for carbon-rich stars. The galactic distribution of the sources is very similar to class 0/α0, except that there are fewer sources closer to the galactic center than at a longitude of 45°. More than half the sources in this class are associated with carbon stars. The 12 μm flux density ranges from 13.14 Jy to 113.2 Jy. About 25% of the sources have VAR >= 90. These sources have dust optical depths intermediate between class 1/α1 and class 0/α0. If the circumstellar dust were thinner than for class 0/α0 it would account for the higher number of visually identified sources.

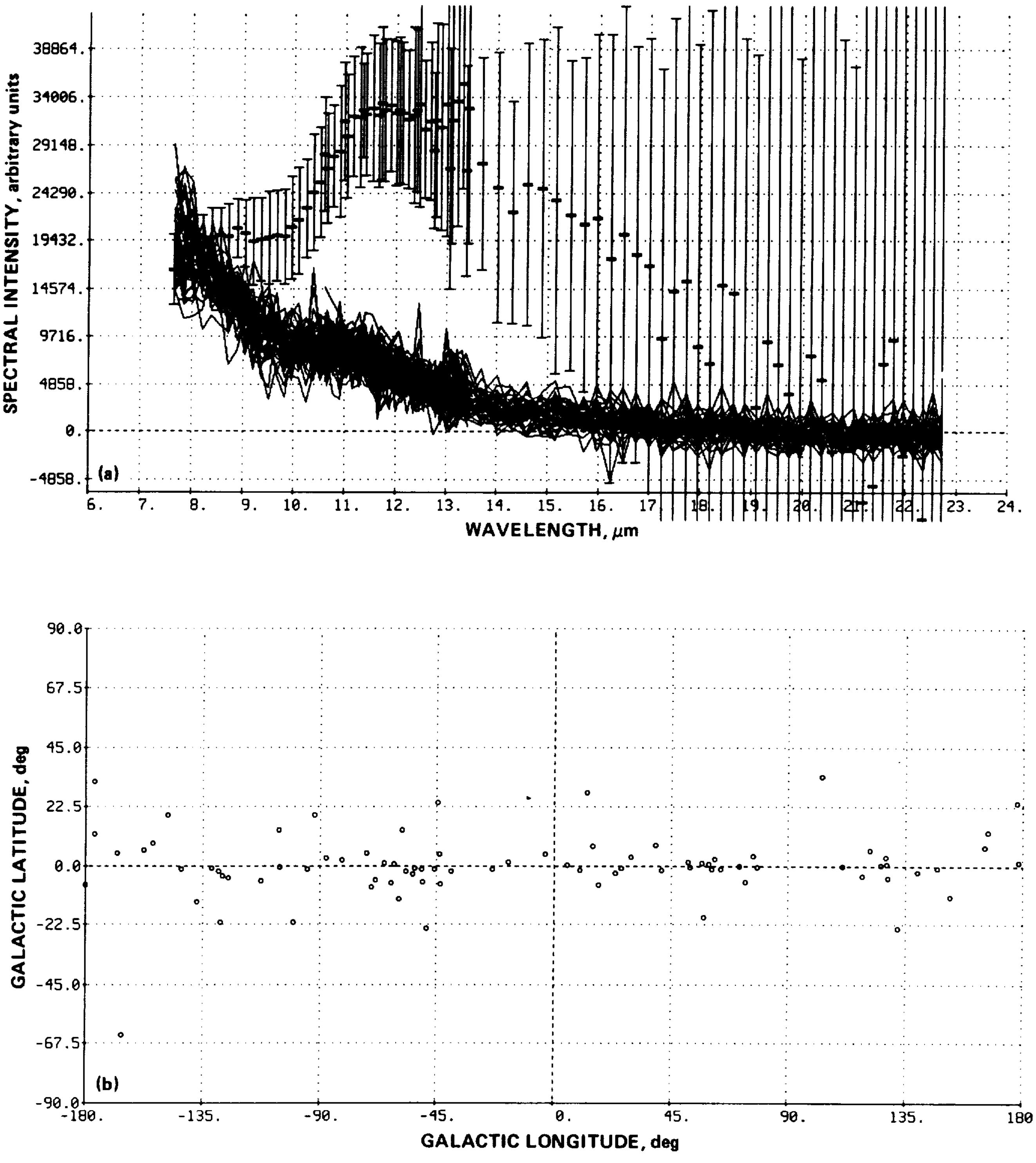


Figure 11.– Plots for Class 6/α6. (a) Spectral; (b) galactic.

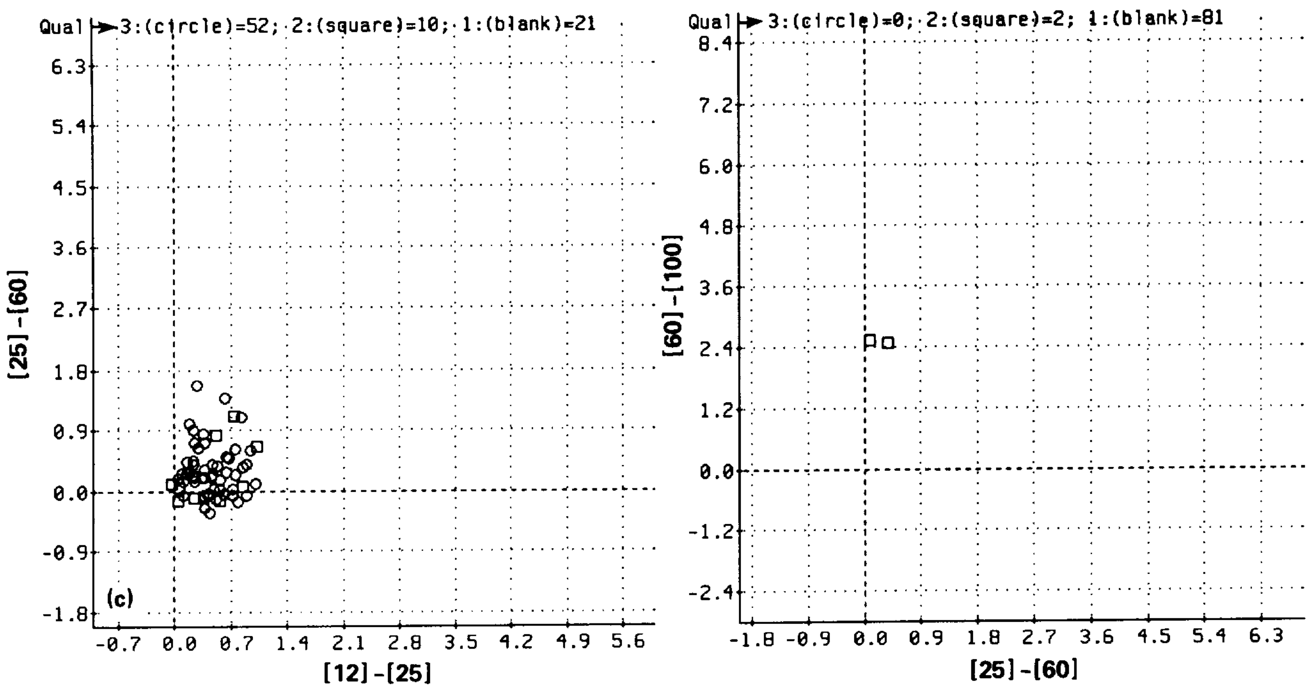


Figure 11.– Concluded. (c) Color-color.

Commentary for Class 6/α6

Source count: 83; Source type: Carbon-rich; S/N: Noisy.

These sources show a weak 11.5 μm emission feature, which is similar to, but stronger than, that in class 1/α1. There is probably an absorption feature around 8 μm. The LRS continuum slope suggests a temperature of around 2,000 K and the colors imply a temperature greater than 500 K. The galactic distribution is similar to that for class 0/α0. Of the 83 sources, 35 have stellar associations, including 14 carbon-rich stars and two *S* stars. Most of the other associations are with *Miras*, but there is one source associated with a *K3III* star. The 12 μm flux density ranges from 6.59 Jy to 25.29 Jy. About 20% of the sources have VAR >= 90.

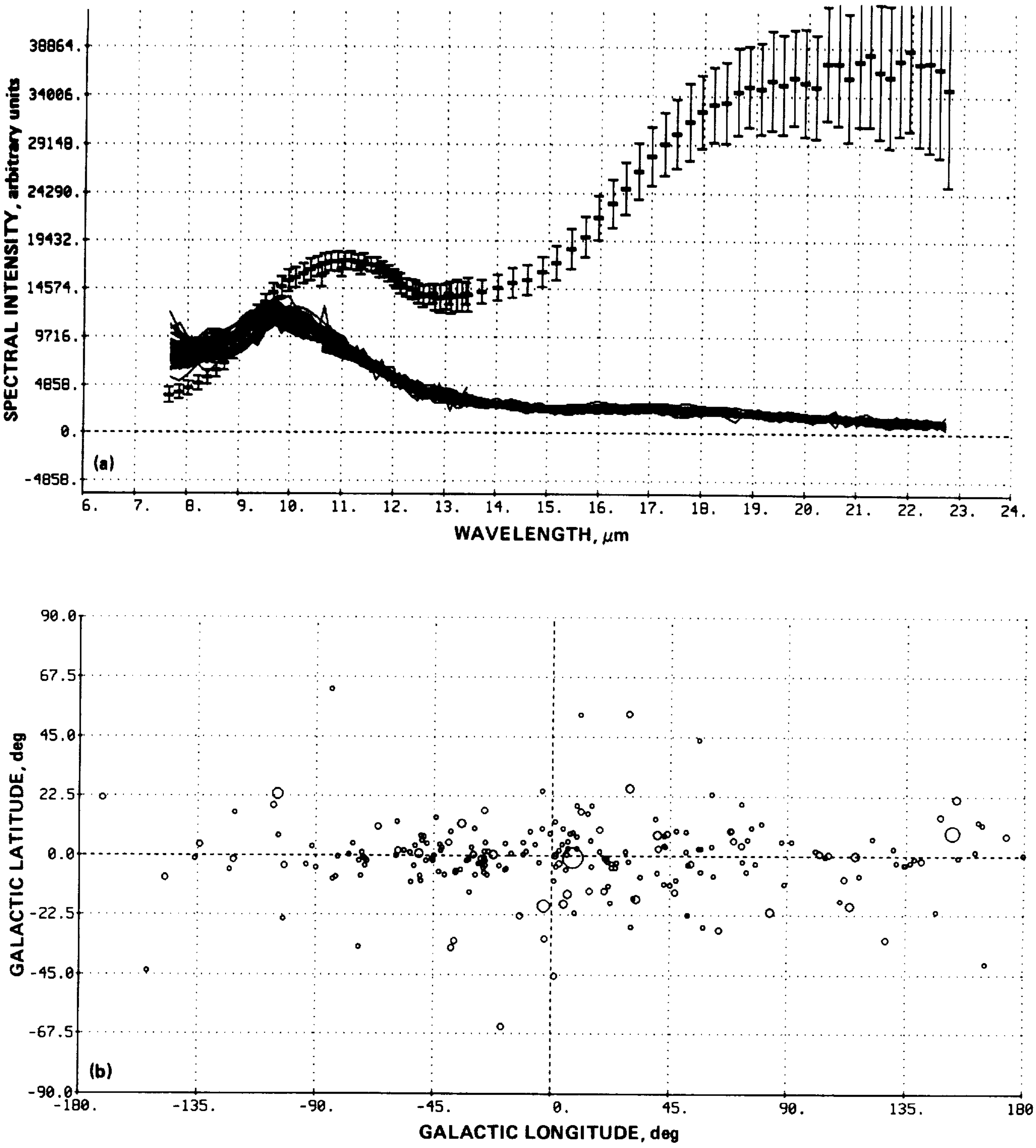


Figure 12.– Plots for Class 7/β0. (a) Spectral; (b) galactic.

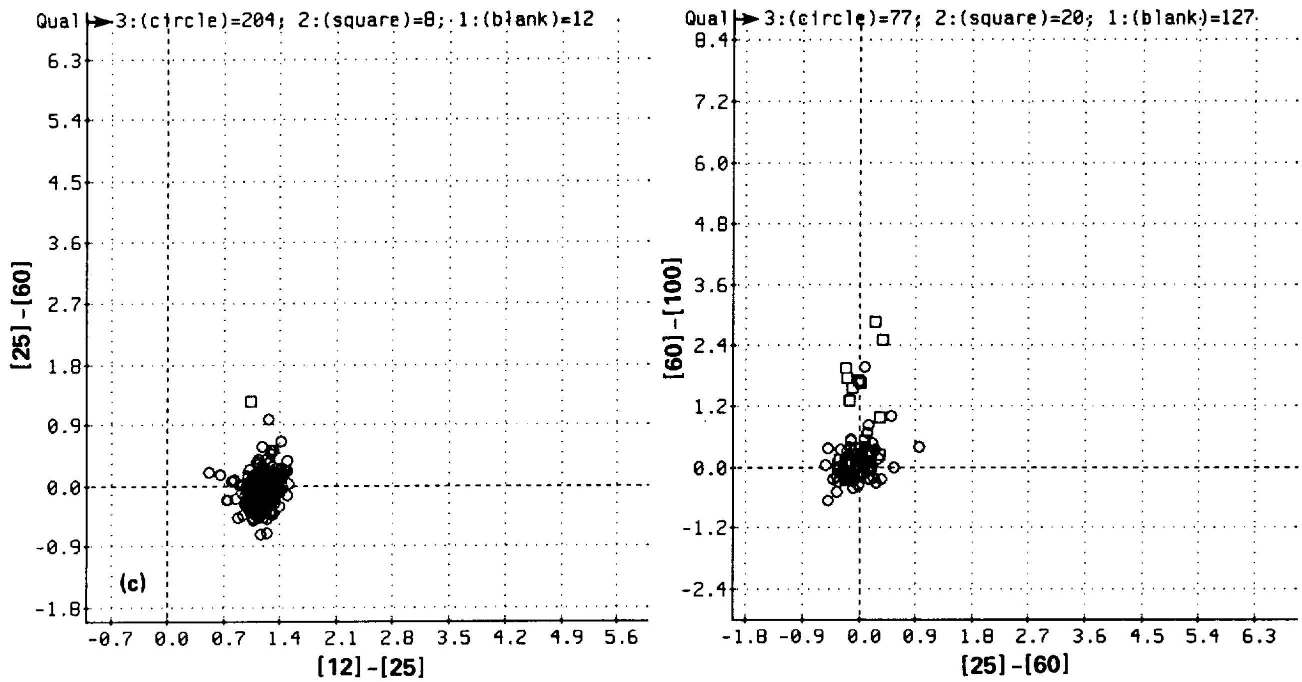
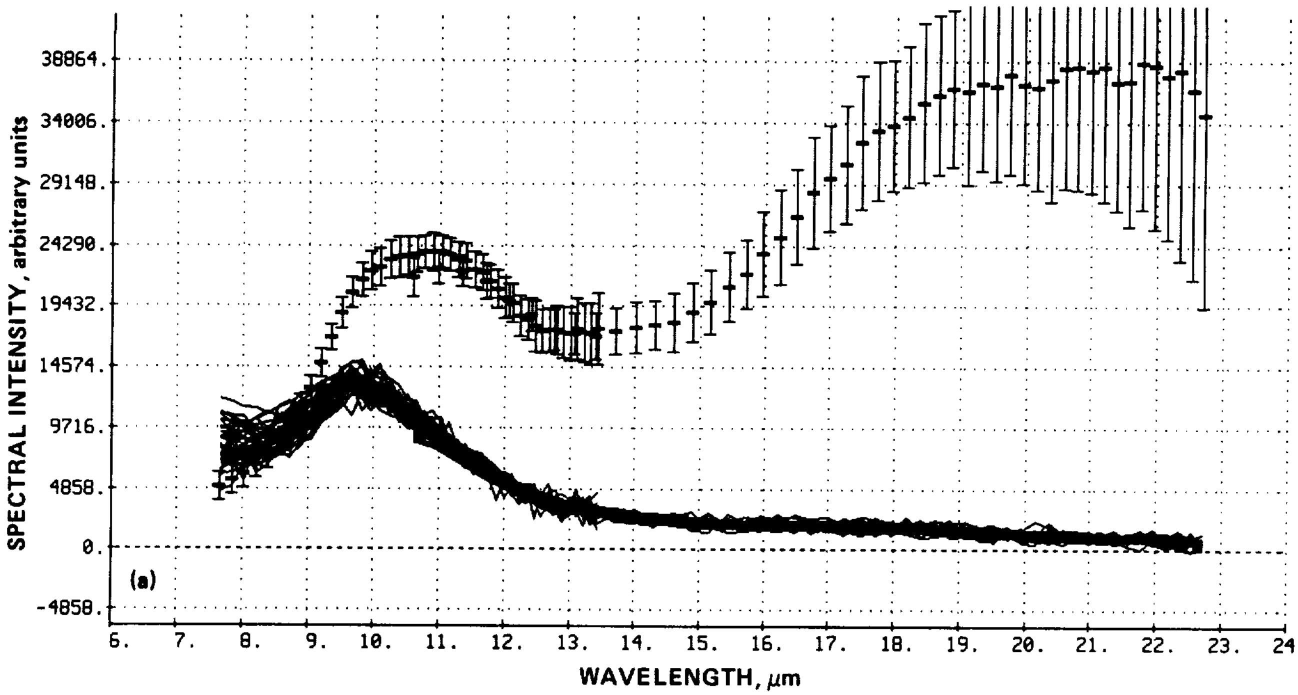


Figure 12.– Concluded. (c) Color-color.

Commentary for Class 7/β0

Source count: 224; Source type: Oxygen-rich/emission A; S/N: Very high.

These sources show an intermediate strength 9.7 μm emission feature and the 18 μm emission feature. The colors are very typical of oxygen-rich stars. The LRS continuum slope suggests a temperature of 500 K which agrees with the colors, which give a range from 400 K to 700 K. The galactic distribution of this class shows a distinct concentration towards the inner galaxy. Their dispersion in galactic latitude is twice that of the carbon- rich classes. If a scale height of 200 pc is assumed, the estimated average distance is 1.2 kpc. About 50% of the sources have no association, except possibly with the RAFGL catalog (catalog number 3). A large number of the rest are associated with long period *Mira* or irregular variable stars. Many of the sources are associated with supergiants, although one source is associated with an *F7V* star. The 12 μm flux density ranges from 18.48 Jy to 2738 Jy, with 25% of the sources having a 12 μm flux density >= 100 Jy. Over half the sources have VAR >= 90. This class may have two different types of star in it; lower mass asymptotic giant branch Miras and massive supergiants.



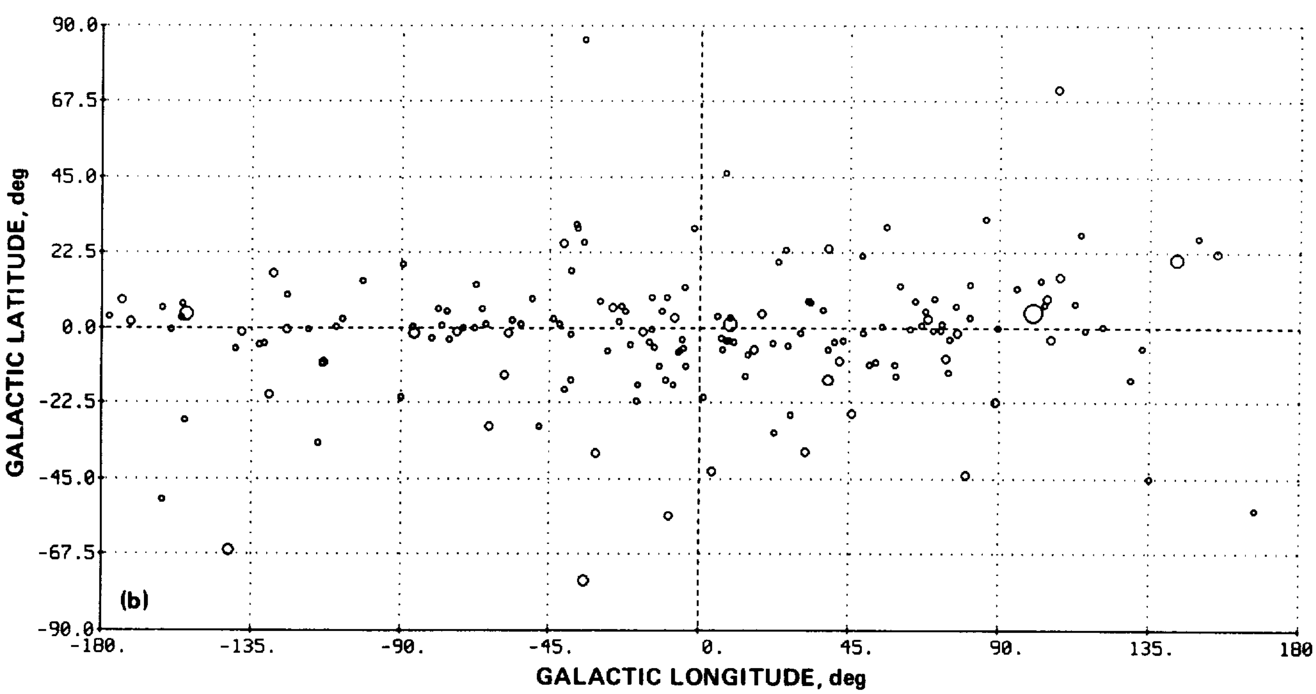


Figure 13.– Plots for Class 8/β1. (a) Spectral; (b) galactic.

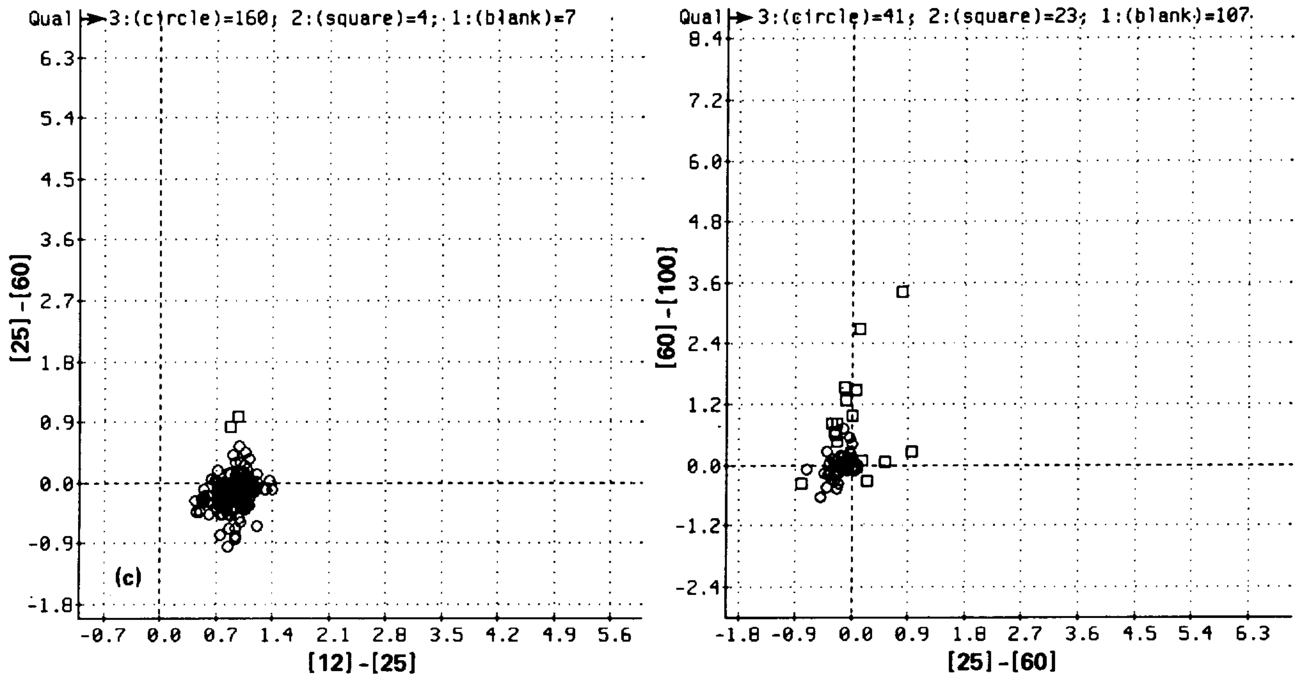
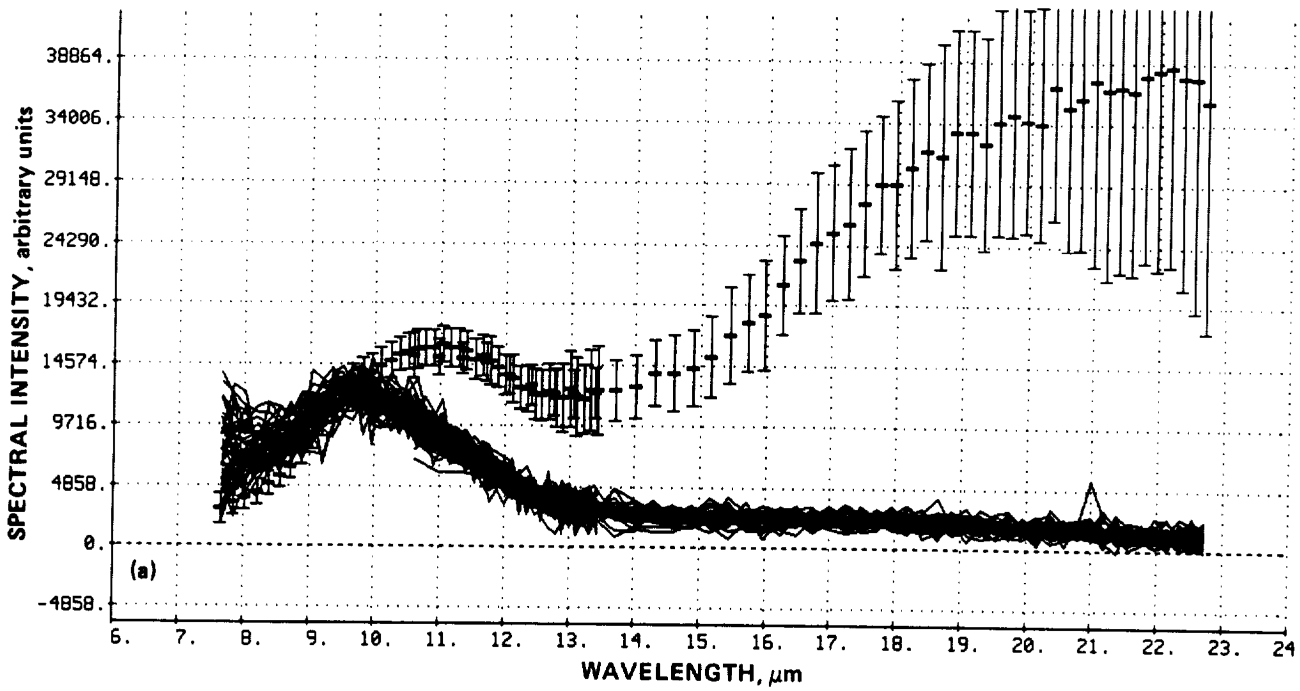


Figure 13.– Concluded. (c) Color-color.

Commentary for Class 8/β1

Source count: 171; Source type: Oxygen-rich/emission B; S/N: Very high.

These sources show emission features at 9.7 μm and 18 μm. The 9.7 μm feature is stronger than in class 7/β0, but the 18 μm feature may be weaker. The LRS continuum suggests a temperature of around 500 K, which agrees well with the colors which imply a range from 400 K to 700 K. The galactic distribution shows that this class is a local population of sources, with objects at high galactic latitudes and a uniform distribution in galactic longitude. For the assumed 200 pc scale height, the estimated distance is 850 pc. The sources in this class are associated mostly with *Mira* variables, or semi-regular variables. The 12 μm flux density ranges from 15.26 Jy to 1296 Jy. About 65% of the sources have VAR >= 90. This group comprises ordinary *AGB* stars, with shallower optical depth dust shells than for class 7/β0.



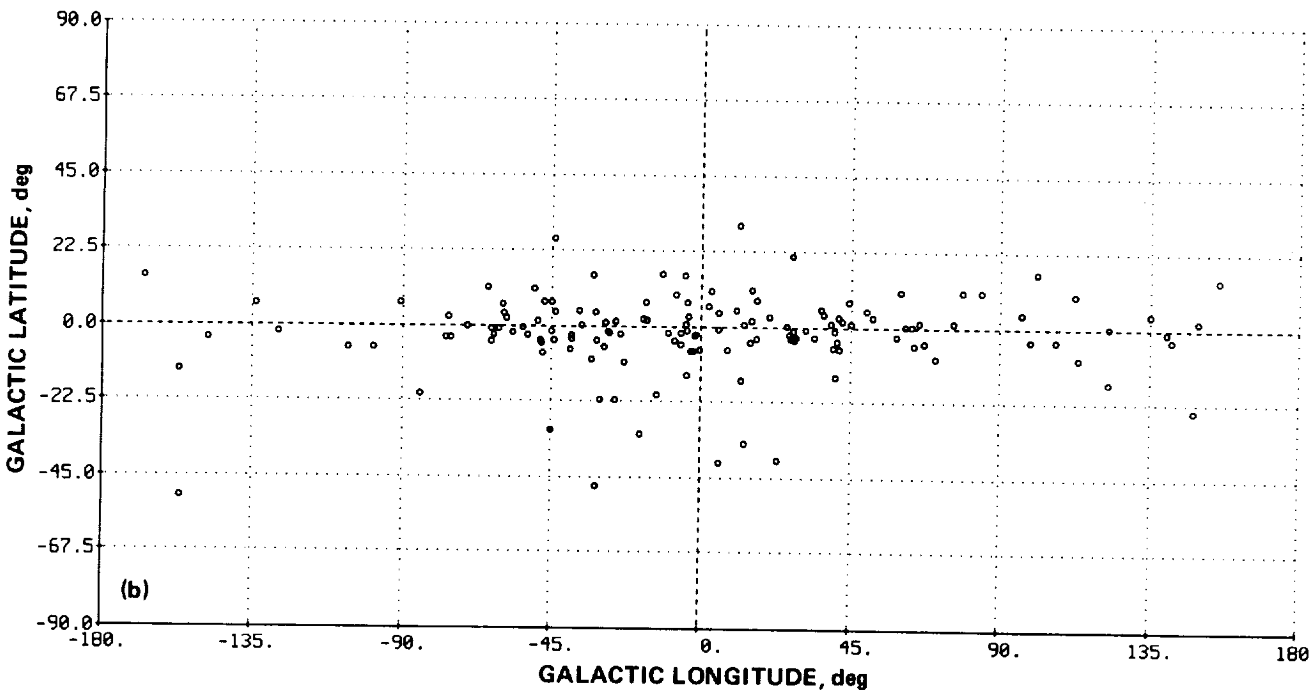


Figure 14.– Plots for Class 9/β2. (a) Spectral; (b) galactic.

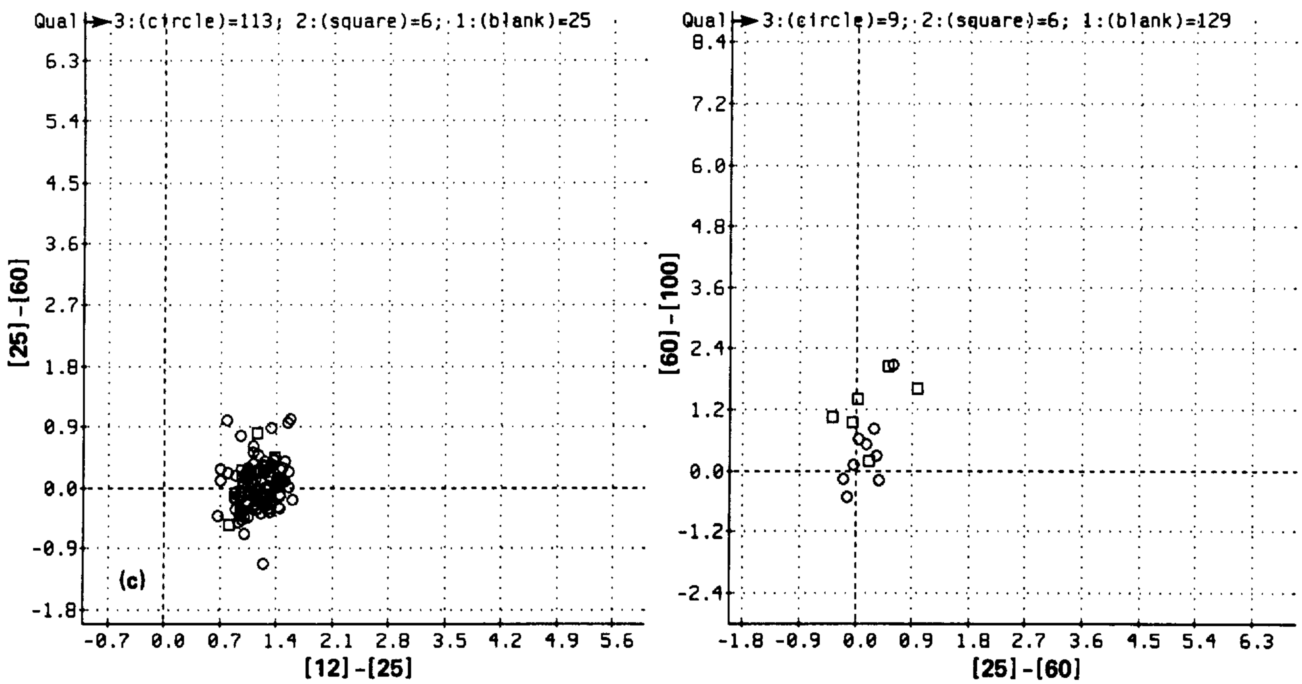


Figure 14.– Concluded. (c) Color-color.

Commentary for Class 9/β2

Source count: 144; Source type: Oxygen-rich/emission A; S/N: High.

These sources show emission features at 9.7 μm and 18 μm, and are similar to class 7/β0. The LRS continuum suggests a temperature of around 400 K, and the colors imply a range in temperature from 400 K to 1,000 K. There are some objects in this class which have anomalous colors. The galactic distribution is very similar to class 7/β0, with the same concentration towards the inner galaxy. Only 20 of the sources have associations, mostly with *Mira* variable stars, although one source is associated with an *A0V* star and another with the nova-like *F5ep* star, *RR Tel*. The 12 μm flux density ranges from 8.61 Jy to 81.18 Jy. About 65% of the sources have VAR >= 90. The best explanation for these sources is that they are 2 magnitudes less luminous than the class 7/β0 sources, since they have the same space distribution and dust shell properties. The galactic distribution makes it unlikely that they are more distant than the class 7/β0 sources, as would be expected from examination of the mean spectra.

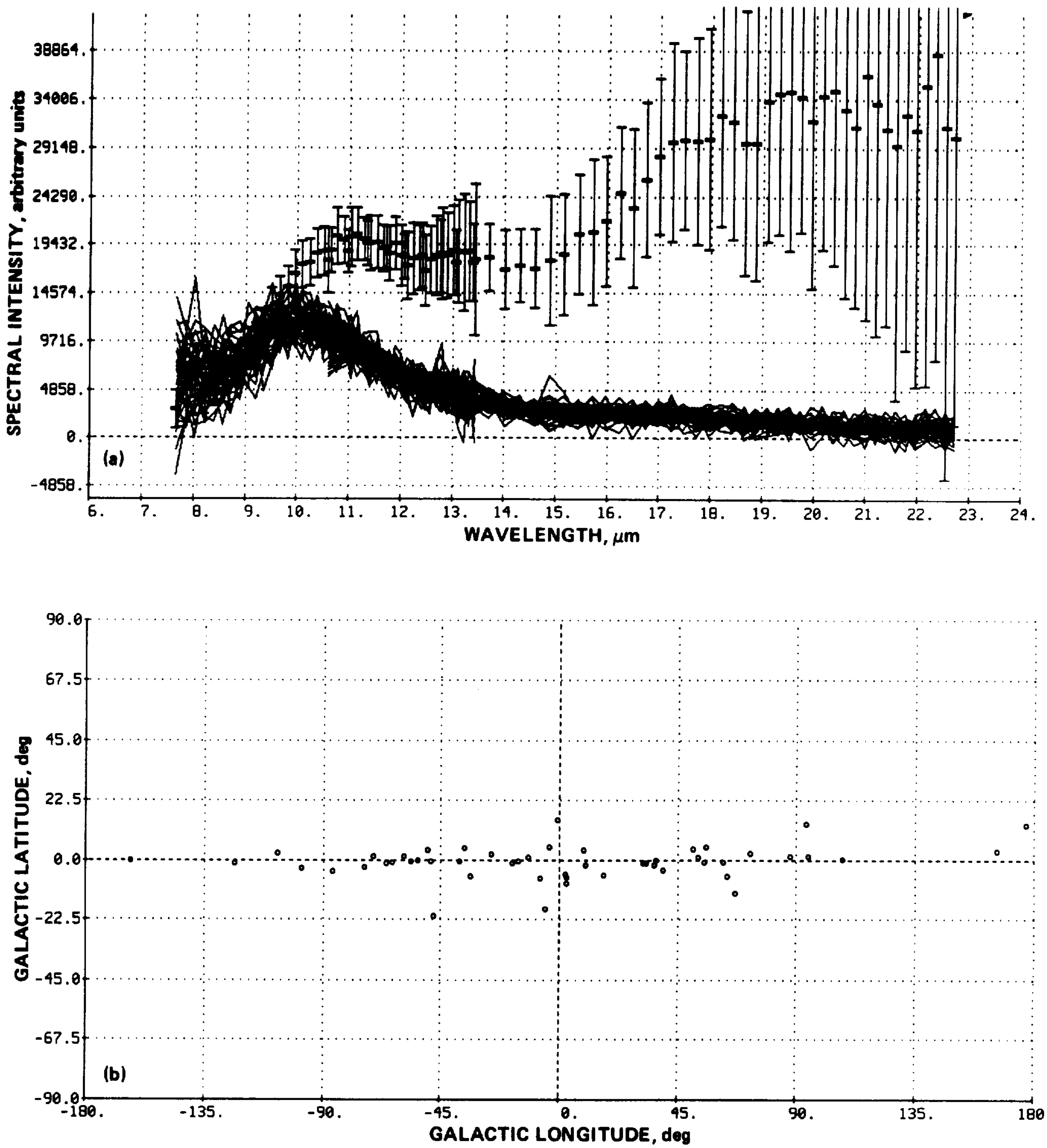


Figure 15.– Plots for Class 10/β3. (a) Spectral; (b) galactic.

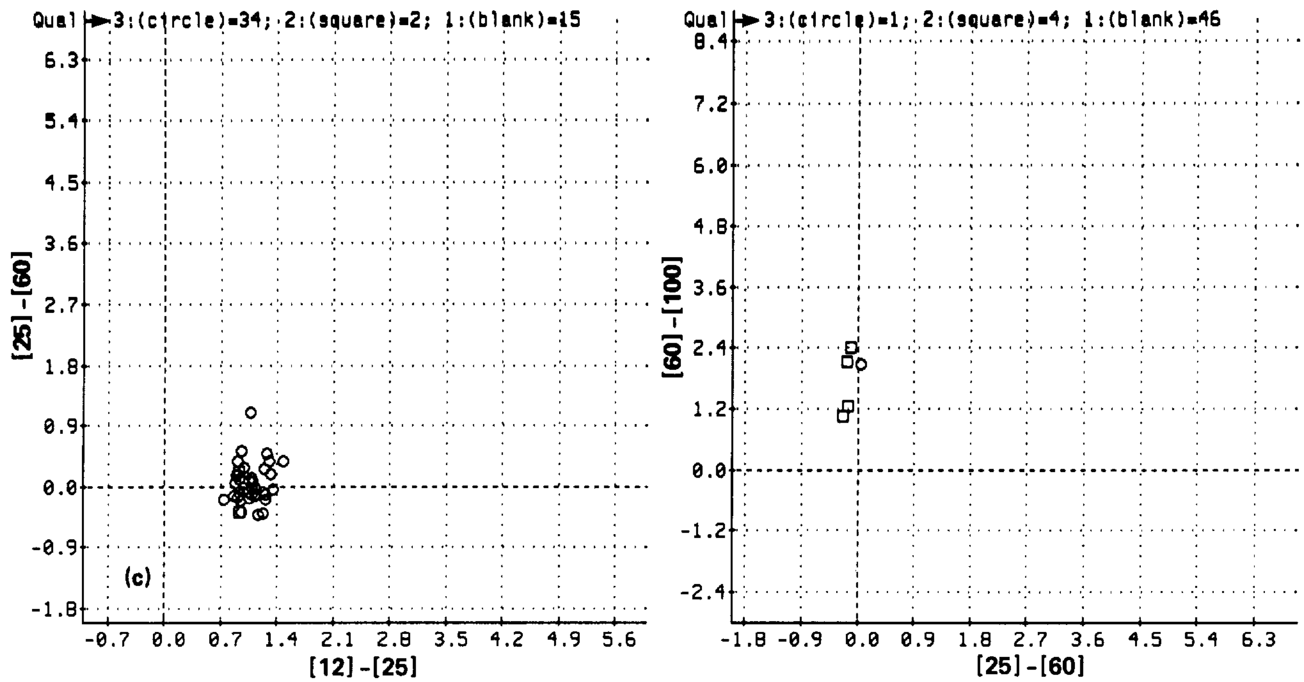


Figure 15.– Concluded. (c) Color-color.

Commentary for Class 10/β3

Source count: 51; Source type: Oxygen-rich/emission C; S/N: Noisy.

These sources show emission features at 10.0 μm and 18 μm, and a narrow feature at 13 μm. There is considerable dispersion at the short wavelength end of the spectra in the class. The LRS continuum suggests a temperature of 500 K, and the colors imply a range from 400 K to 1,000 K. The galactic distribution is more confined to the plane than for the other β classes, and there is a concentration towards the inner galaxy. The distribution strongly resembles that for class 64/λ20 (carbon-rich stars). For an assumed scale height of 200 pc, the estimated mean distance is 2.75 kpc. Of the sources, 14 have associations, four of which are with dark clouds. One source is associated with a *Z And* variable star. The 12 μm flux density ranges from 6.85 Jy to 38.11 Jy. Only two of the sources have VAR >= 90.

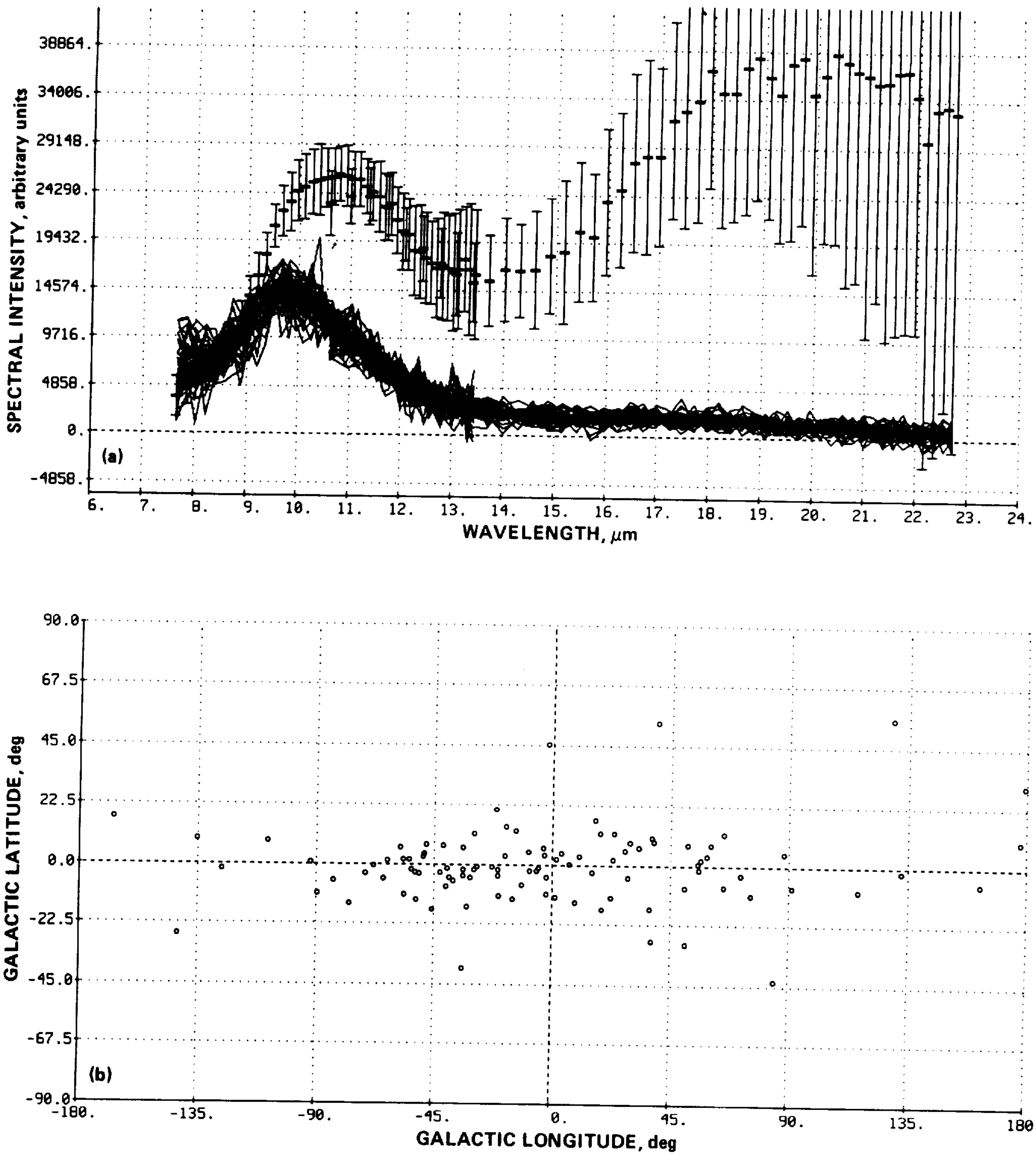


Figure 16.– Plots for Class 11/β4. (a) Spectral; (b) galactic.

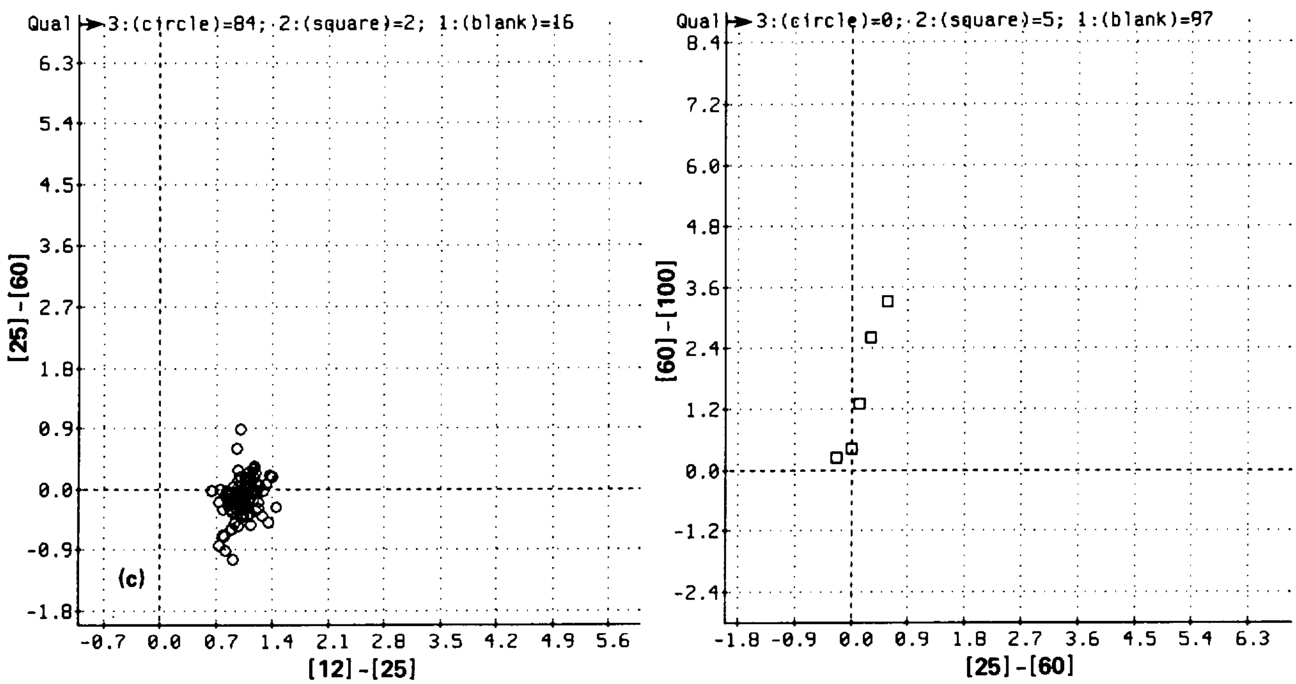


Figure 16.– Concluded. (c) Color-color.

Commentary for Class 11/β4

Source count: 102; Source type: Oxygen-rich/emission B; S/N: Noisy.

These sources show a strong 9.7 μm feature in emission, and an emission feature at 18 μm. The LRS continuum suggests a temperature of 500 K and the colors imply a range of temperature from 400 K to 1,000 K. The galactic distribution is similar to that of class 7/β0, with some sources at high galactic latitudes, and a concentration in galactic longitude towards the inner galaxy. The associations are typically to semi-regular variable giant stars and intermediate *M* spectral types. The 12 μm flux density ranges from 7.18 Jy and 44.21 Jy. As in class 9/β2, about 65% of the sources have VAR >= 90. These sources are stars with shallower optical depth dust shells than those of class 9/β2.

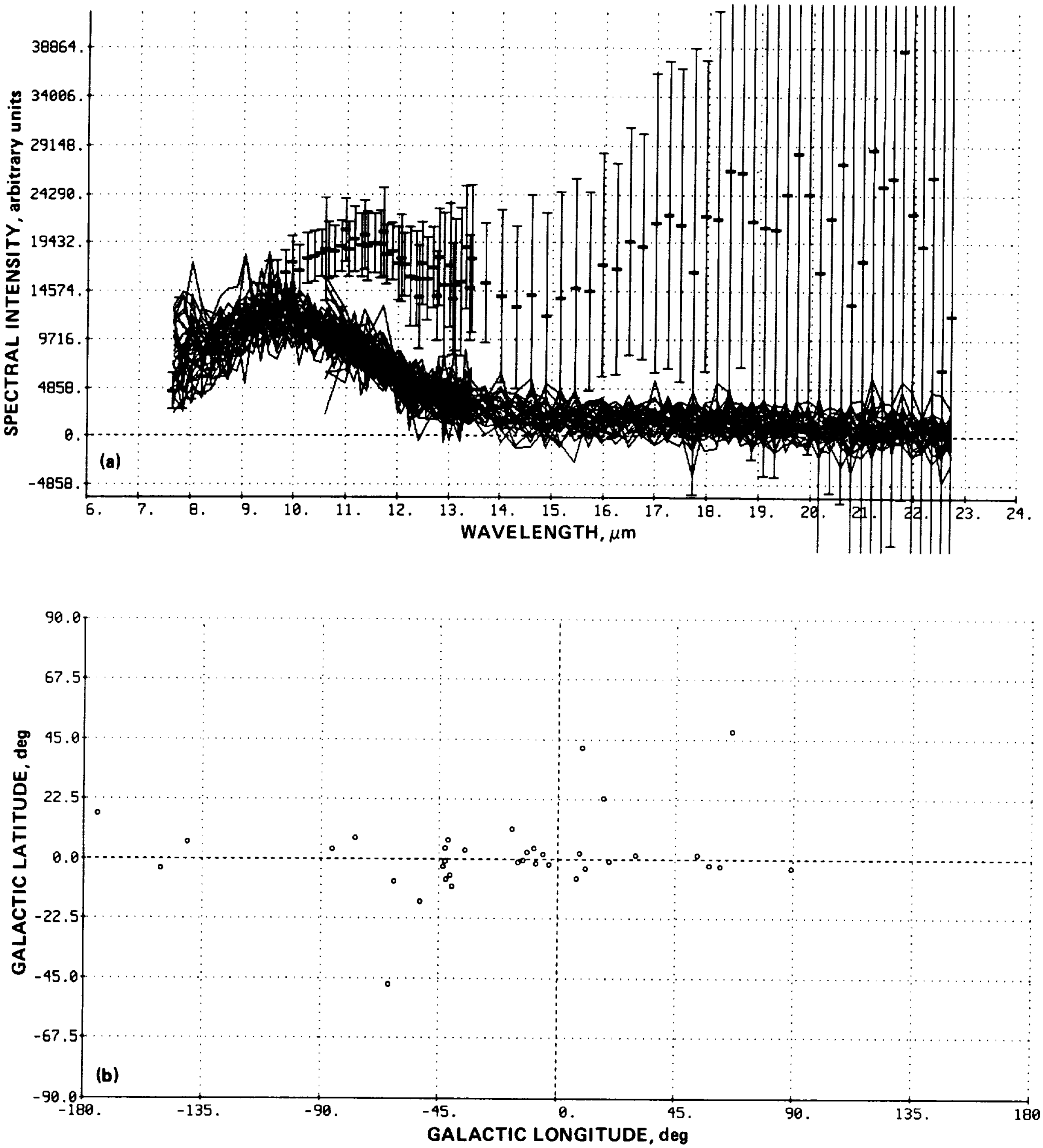


Figure 17.– Plots for Class 12/β5. (a) Spectral; (b) galactic.

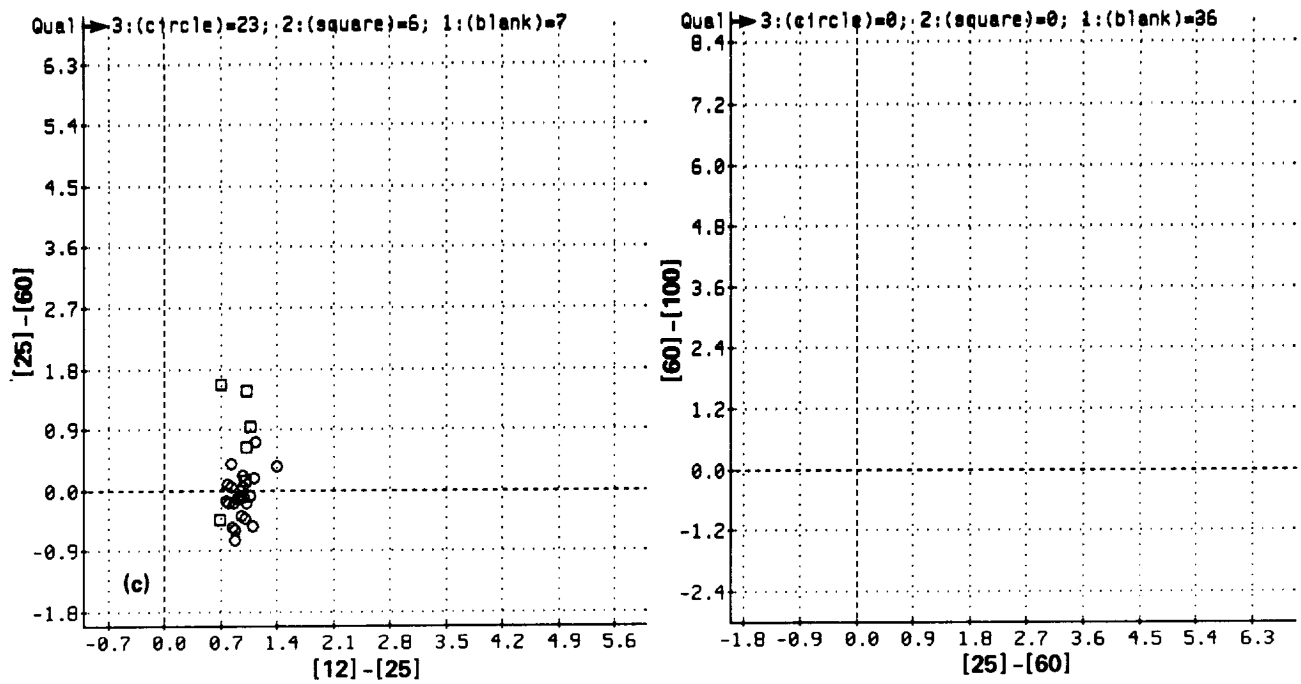


Figure 17.– Concluded. (c) Color-color.

Commentary for Class 12/β5

Source count: 36; Source type: Oxygen-rich/emission A; S/N: Very noisy.

These sources have an intermediate strength 9.7 μm emission feature, and a very weak 18 μm feature. The LRS continuum suggests a temperature of around 500 K, and the colors imply a temperature range of 400 K to 1,000 K. Although the number of sources is low, their galactic distribution is the same as for class 7/β0. Only two of the sources have associations outside the RAFGL catalog (catalog number 3), and these are to an irregular variable and an 840 day semi-regular variable. The 12 μm flux density ranges from 7.01 Jy to 20.53 Jy. About 30% of the sources have VAR >= 90. The spectra appear to be those of very shallow optical depth dust shells (about 0.01 at 9.7 μm).

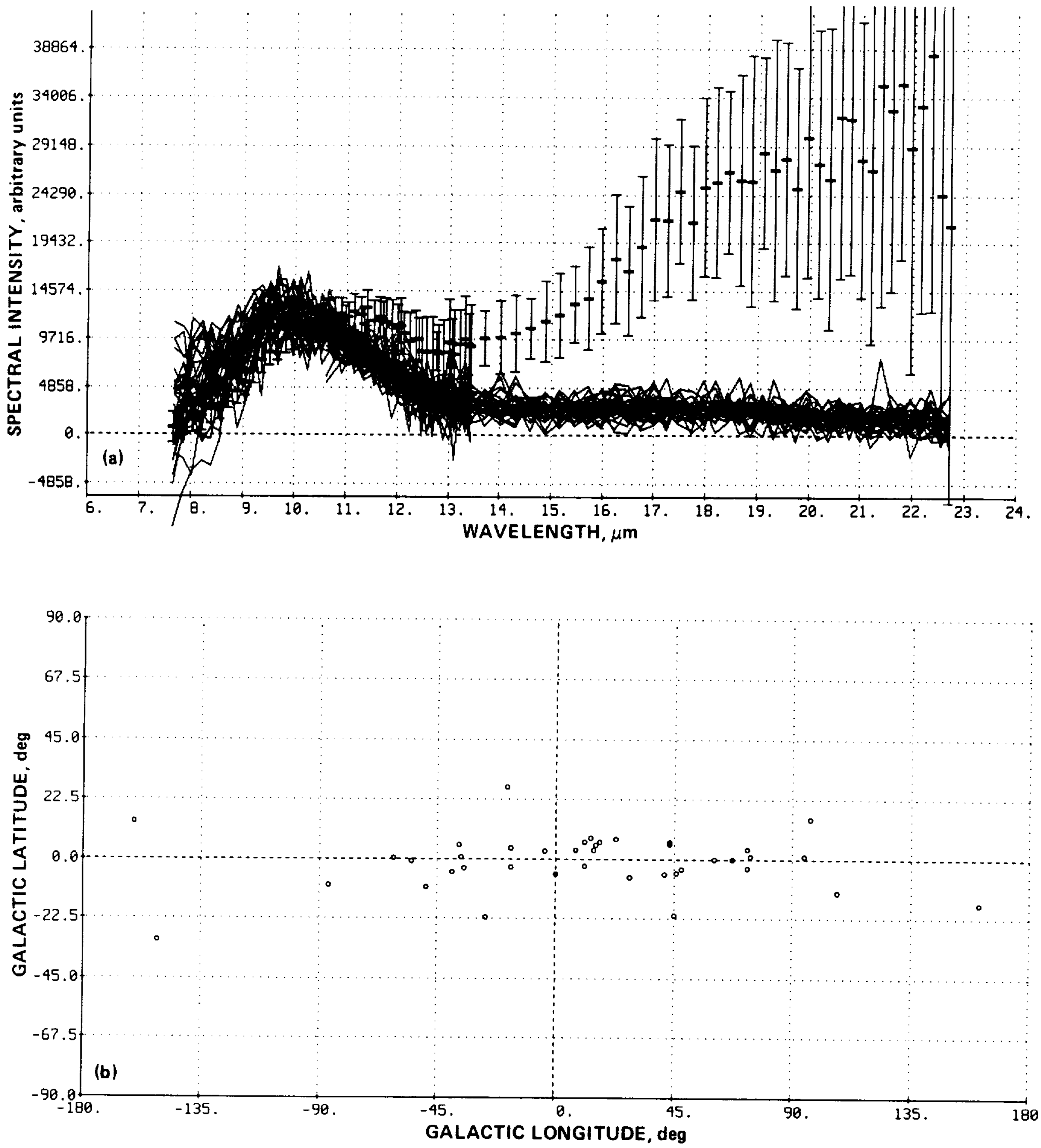


Figure 18.– Plots for Class 13/β6. (a) Spectral; (b) galactic.

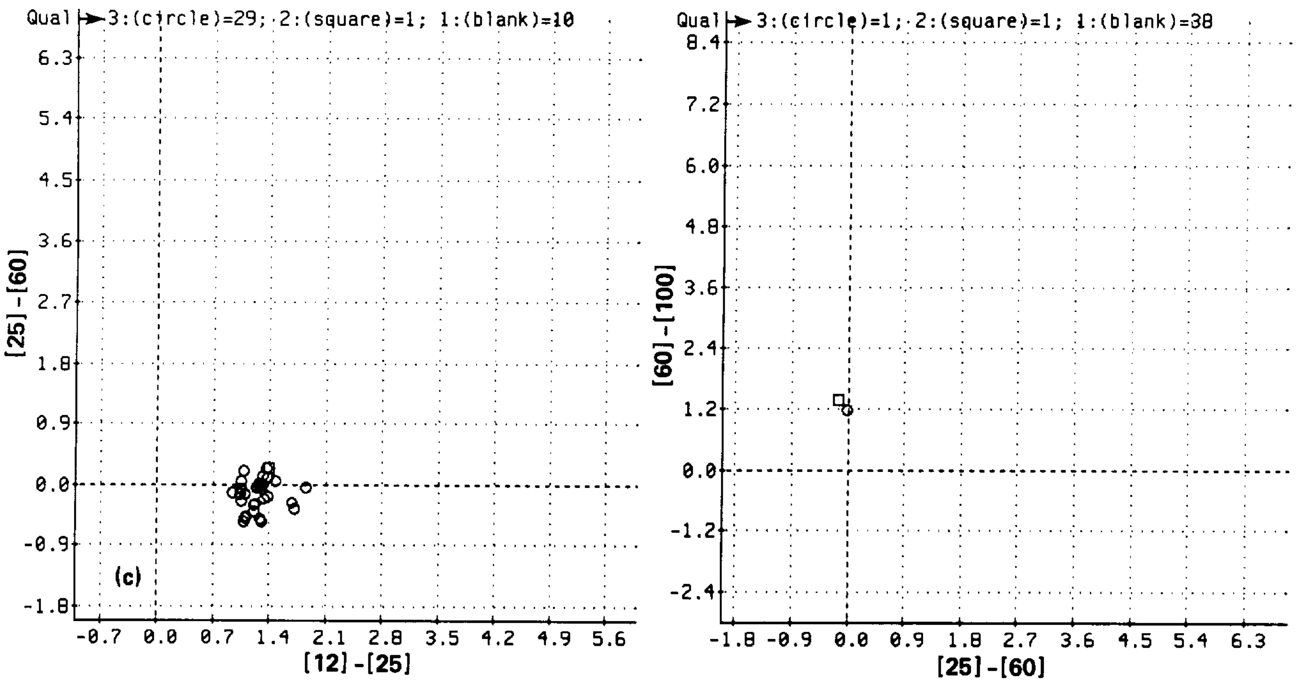


Figure 18.– Concluded. (c) Color-color.

Commentary for Class 13/β6

Source count: 40; Source type: Oxygen-rich/emission A; S/N: Very noisy.

These sources have the 9.7 μm and 18 μm feature in emission, and very flat spectra. The LRS continuum suggests a temperature of 300 K and the colors imply a range of temperature from 400 K to 800 K. The galactic distribution is again similar to that of class 7/β0, with a slightly smaller dispersion in latitude than class 12/β5. Only 6 of the sources have associations, of which 5 are short period *Mira* variables. The 12 μm flux density ranges from 7.54 Jy to 35.69 Jy. Just under 50% of the sources have VAR >= 90. All these sources have shallow optical depth dust shells.

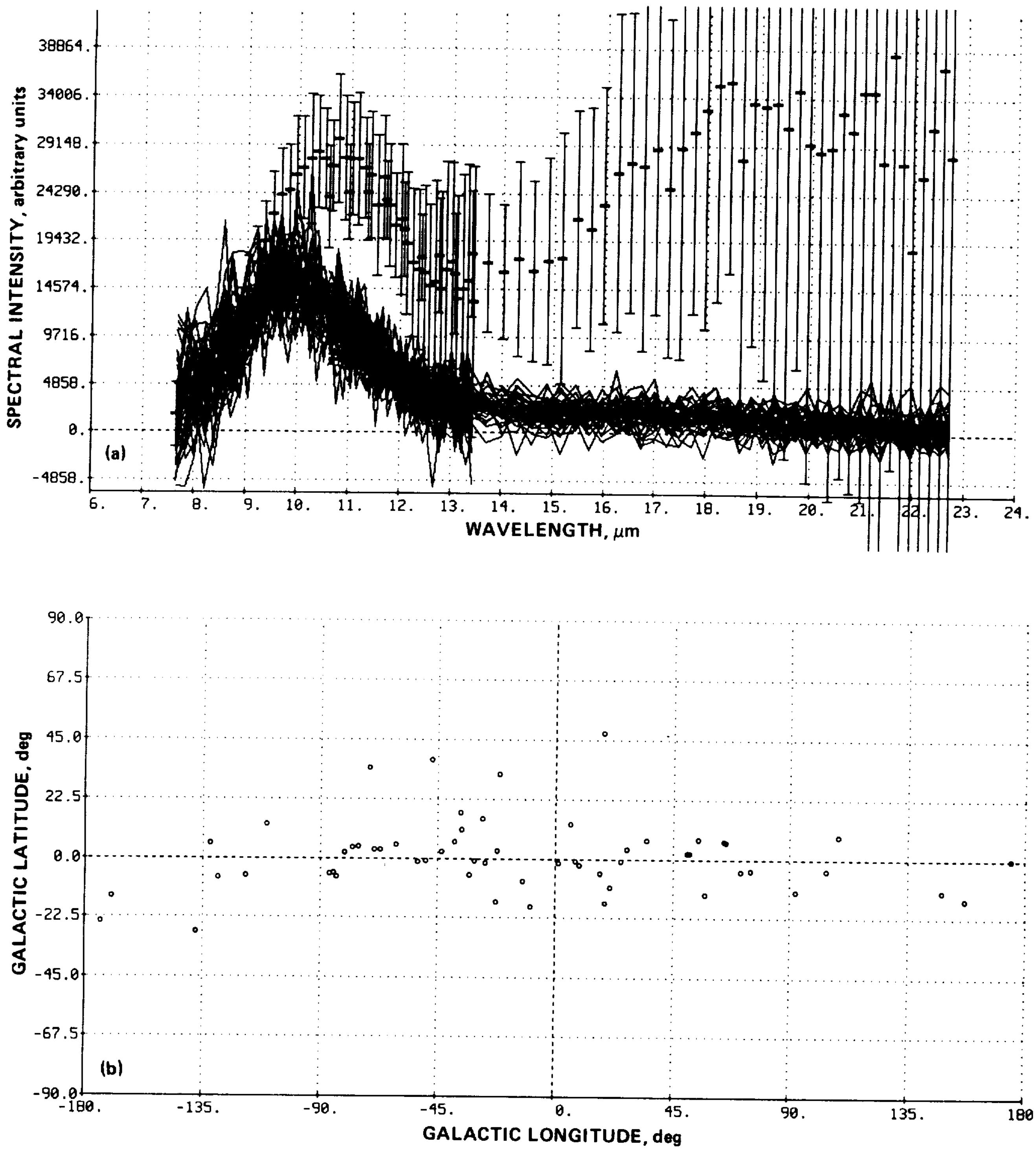


Figure 19.– Plots for Class 14/β7. (a) Spectral; (b) galactic.

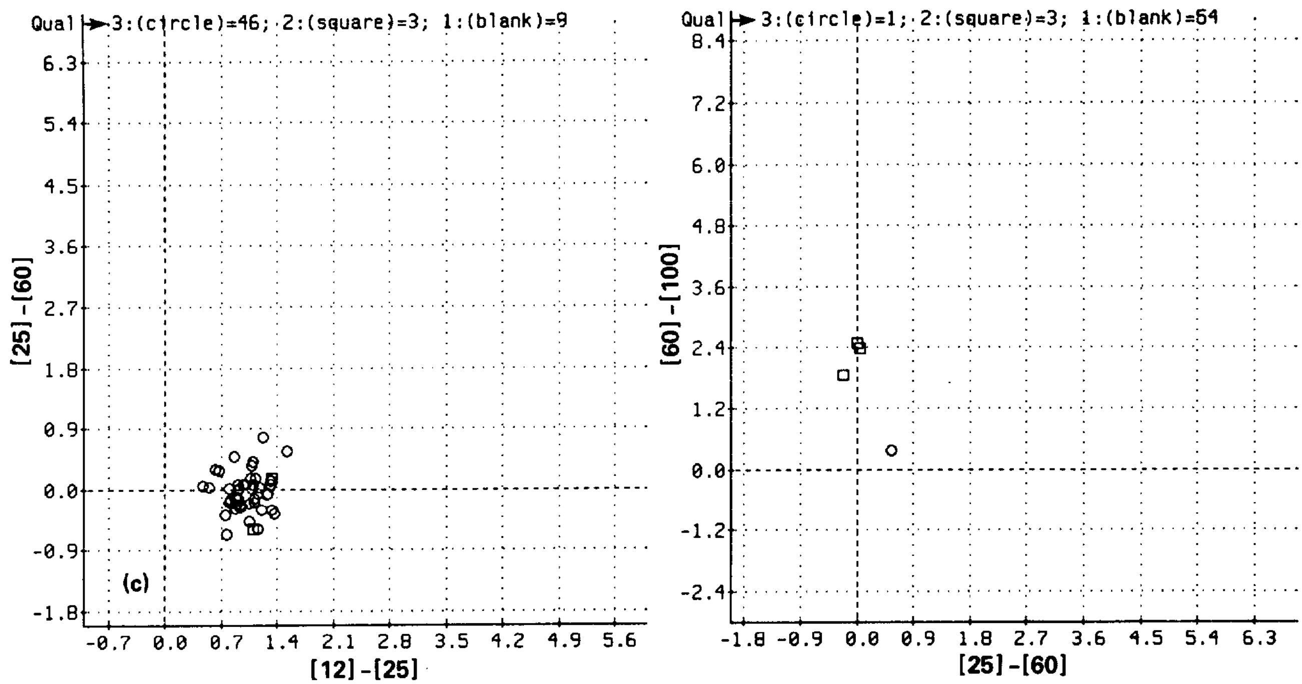


Figure 19.– Concluded. (c) Color-color.

Commentary for Class 14/β7

Source count: 58; Source type: Oxygen-rich/emission B; S/N: Very noisy.

These sources have the 9.7 μm and 18 μm features in emission. The 9.7 μm feature is stronger than in class 13/β6, but again the continuum is very flat. The LRS continuum suggests a temperature of 300 K and the colors imply a range in temperature of 400 K to 1,000 K. This class has a slightly larger dispersion in galactic latitude than class 13/β6. The source associations include 5 variable stars and 4 suspected variable stars. One source is associated with an *A2/5 V* star. The 12 μm flux density ranges from 5.50 Jy to 16.31 Jy. About 50% of the sources have VAR >= 90. The colors of the sources in this class are less extreme than those in class 13/β6.

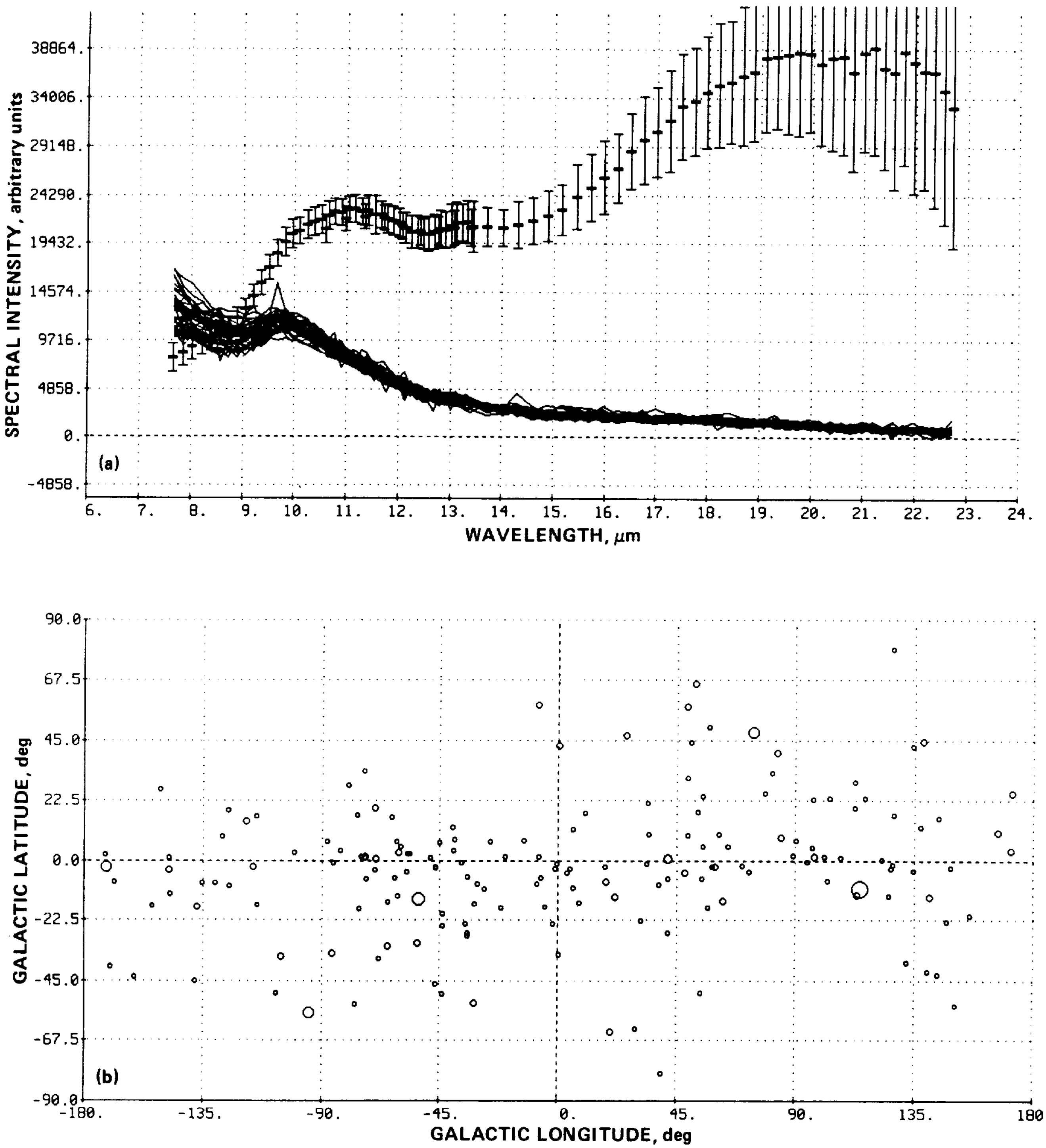


Figure 20.– Plots for Class 15/β8. (a) Spectral; (b) galactic.

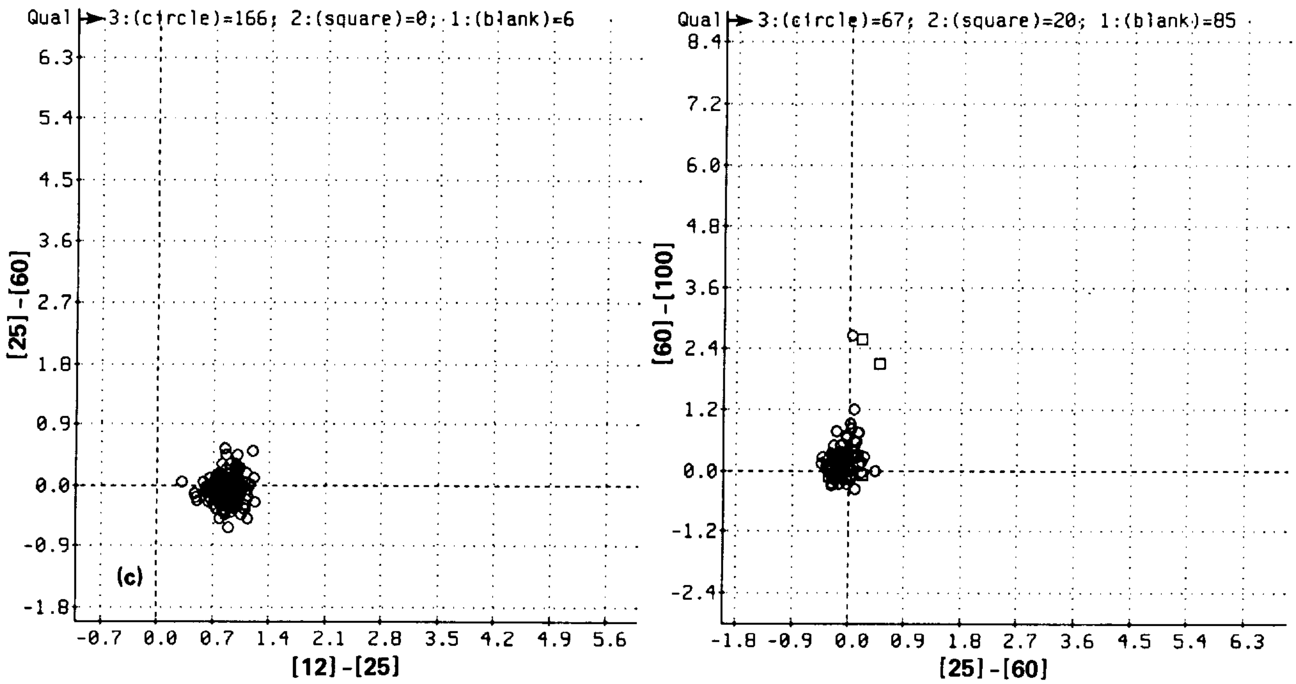


Figure 20.– Concluded. (c) Color-color.

Commentary for Class 15/β8

Source count: 172; Source type: Oxygen-rich/emission C; S/N: Very high.

These sources have an intermediate strength 9.7 μm emission feature, with 18 μm and 13 μm emission features. The LRS continuum suggests a temperature of 600 K and the colors imply a range from 400 K to 1,000 K. The galactic distribution shows that these are a local population of sources, seen at all latitudes and longitudes, although there is a slight preference for the inner galaxy. Of the sources, 80% have associations, mostly with semi-regular variable stars and a few are associated with *Miras*. One source is associated with an *RR Lyrae* star, and one with a *B2Ib* star. The 12 μm flux densities range from 19.24 Jy to 1341 Jy. About 20% of the sources are brighter than 100 Jy. Around 35% of the sources have VAR >= 90. These sources seem slightly less luminous at 12 μm than the other silicate emission classes. The mean colors for this class are relatively blue when compared to the mean colors of the other β classes. These sources probably have shallow optical depth dust shells.

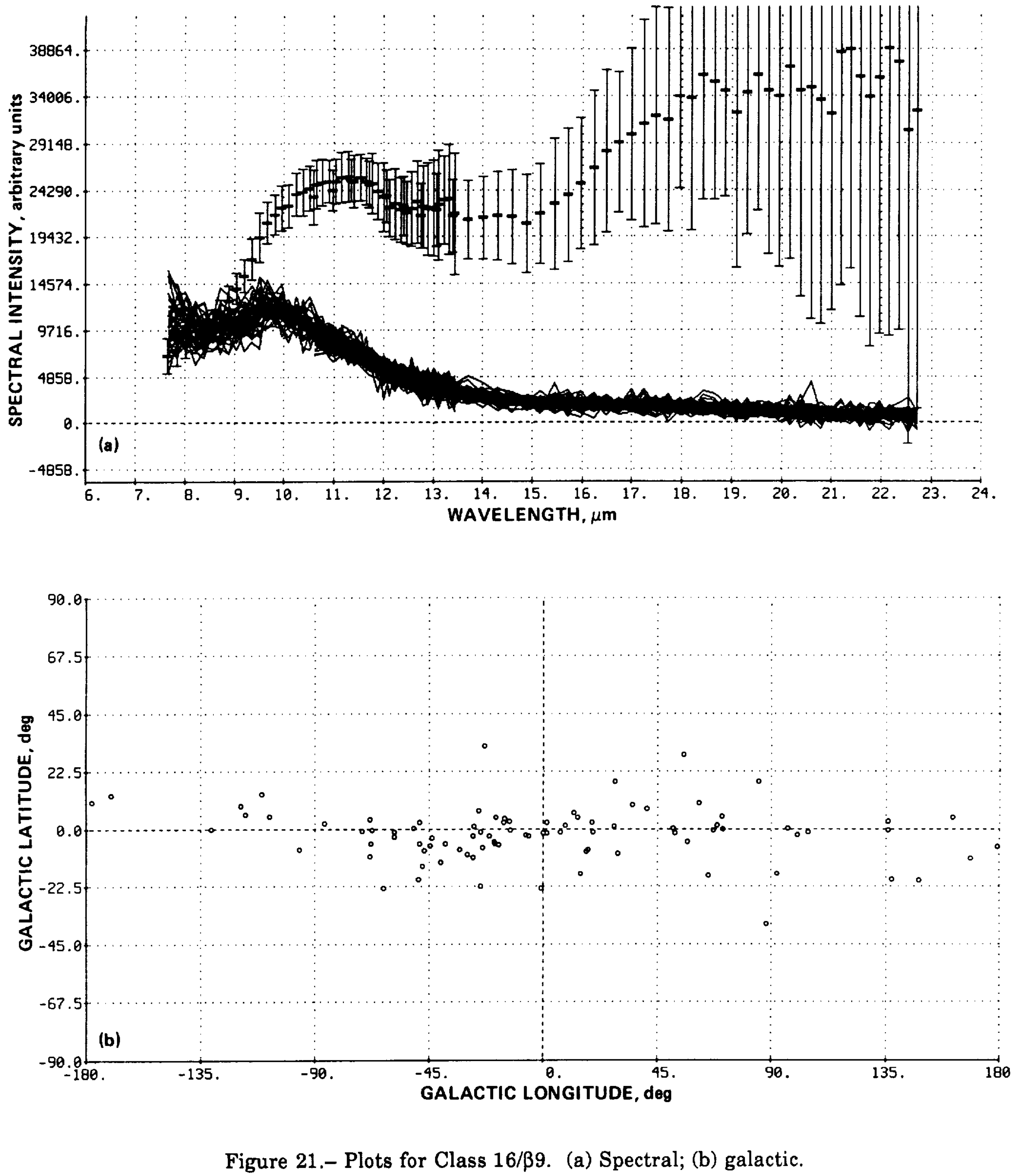


Figure 21.– Plots for Class 16/β9. (a) Spectral; (b) galactic.

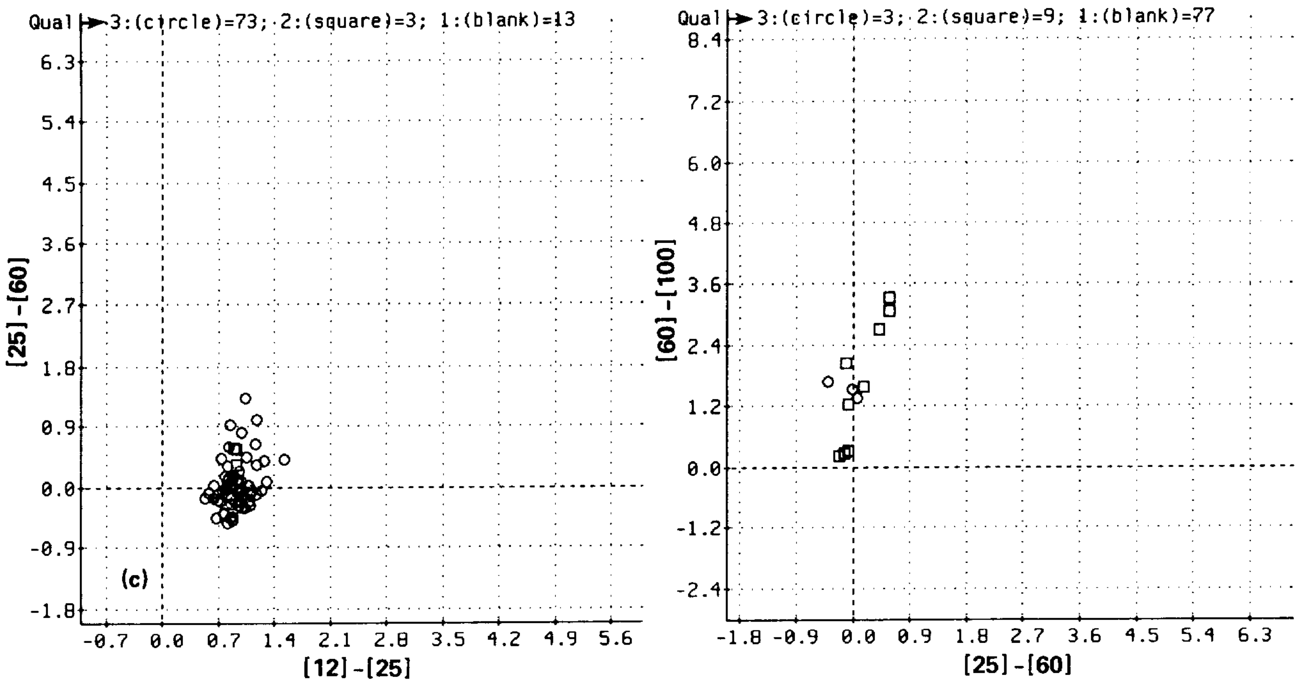


Figure 21.– Concluded. (c) Color-color.

Commentary for Class 16/β9

Source count: 89; Source type: Oxygen-rich/emission C; S/N: High.

These sources have a slightly stronger 9.7 μm emission feature than the previous class (15/β8), and they show the 18 μm and 13 μm features. The LRS continuum suggests a temperature of 600 K and the colors imply a range of temperature from 400 K to 1,000 K. The redder colors appear anomalously high in some cases. The dispersion in galactic latitude is lower than for class 15/β8, and there is a greater concentration towards the inner galaxy. Assuming the same scale height for the two classes, the estimated mean distance is a factor of 2.5 larger for this class than for class 15/β8. About 58% of the sources have no association, and 21% of them have associations with *Mira* variables. One source is associated with a carbon star, one with a *B8/9 II-III* star and one with a *K5III* star. The 12 μm flux density ranges from 9.52 Jy to 45.55 Jy. About 50% of the sources have VAR >= 90. About 10 of these sources have distinct 60 μm excesses which make the mean [25]-[60] color unusually high.

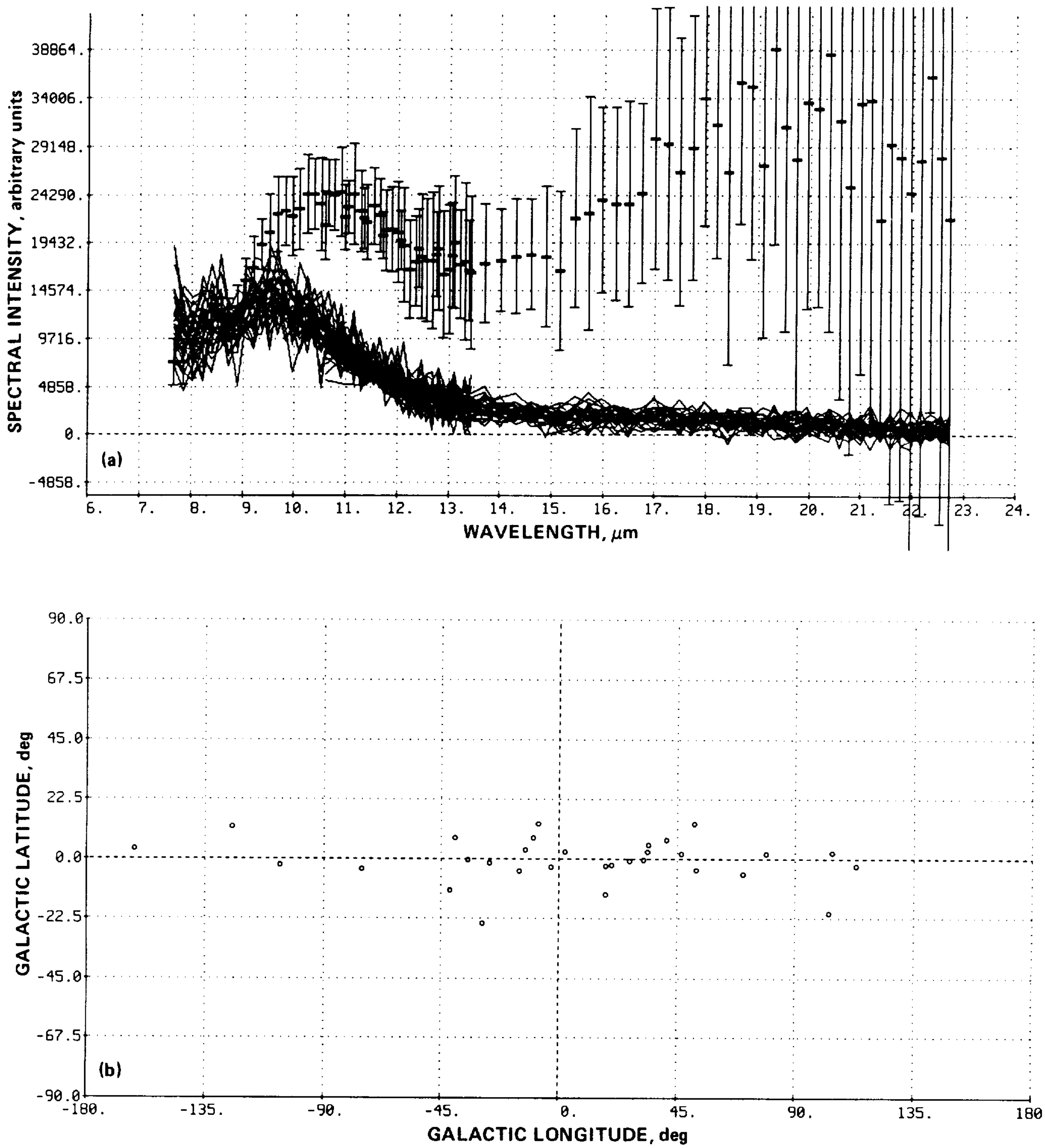


Figure 22.– Plots for Class 17/β10. (a) Spectral; (b) galactic.

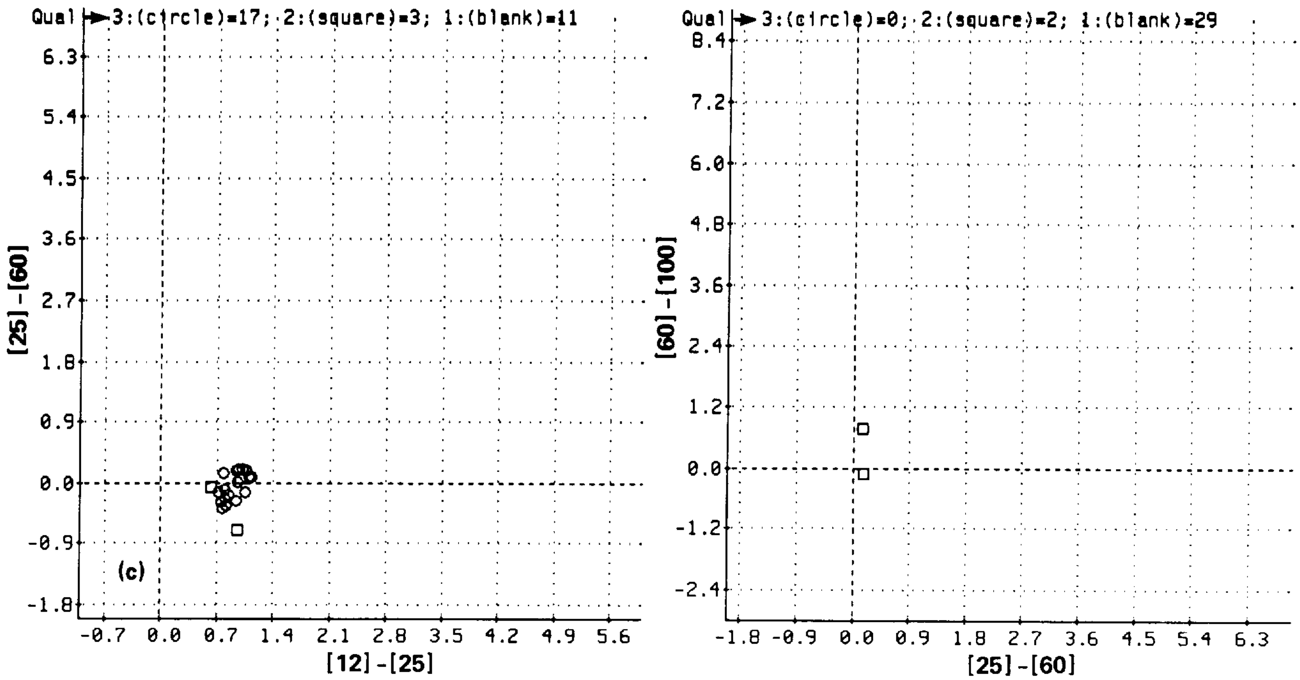
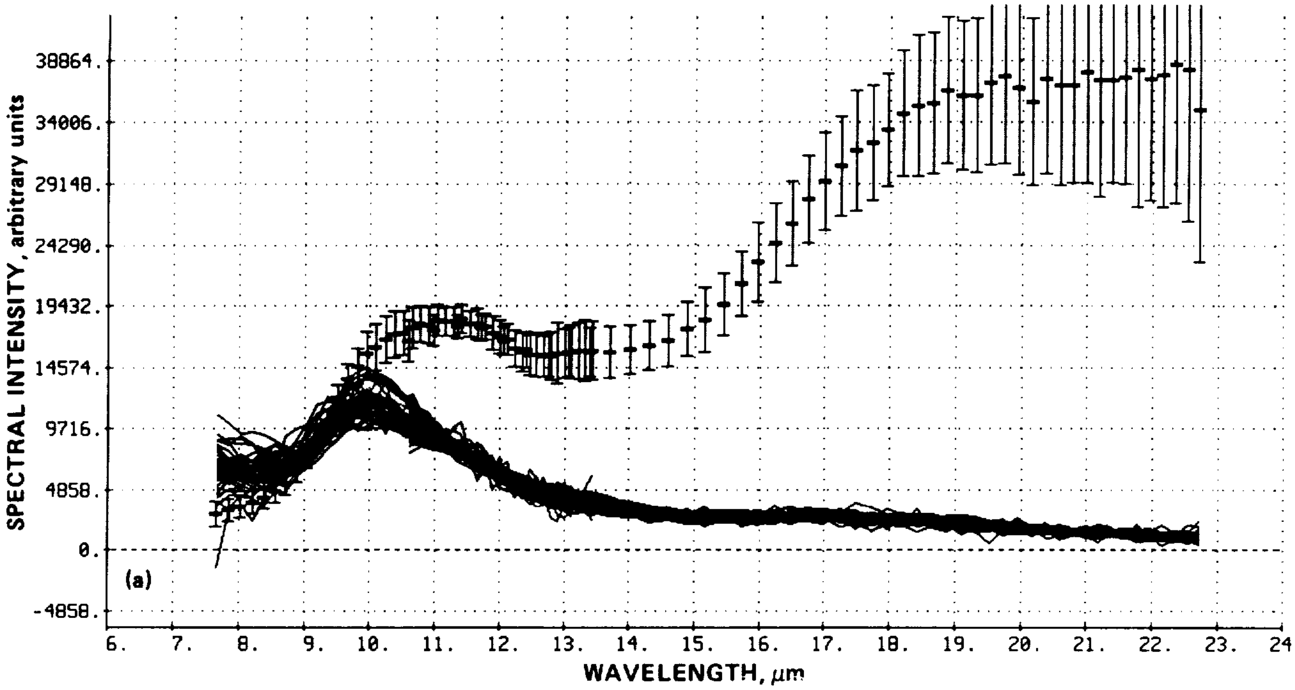


Figure 22.– Concluded. (c) Color-color.

Commentary for Class 17/β10

Source count: 31; Source type: Oxygen-rich/emission; S/N: Noisy.

These sources have emission features at 9.7 μm and 18 μm, and they may be a noisy analog of classes 15/β8 and 16/β9. The LRS continuum suggests a temperature of 600 K and the colors imply a range in temperature from 400 K to 1,000 K. The galactic distribution is similar to that for class 16/β9, but with a slightly smaller dispersion in galactic latitude. There are 7 sources associated with *Mira* variables and a semi-regular variable (luminosity class II-III). The 12 μm flux density ranges from 8.77 Jy to 24.23 Jy. About 50% of the sources have VAR >= 90.



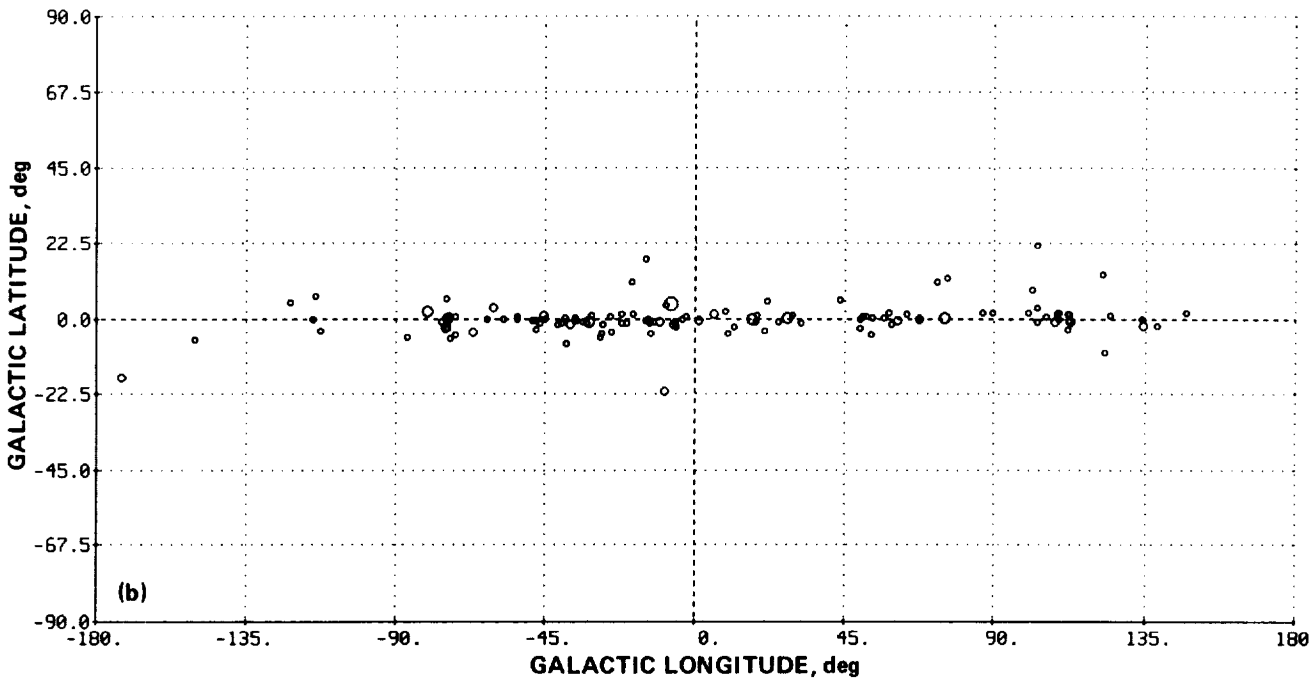


Figure 23.– Plots for Class 18/β11. (a) Spectral; (b) galactic.

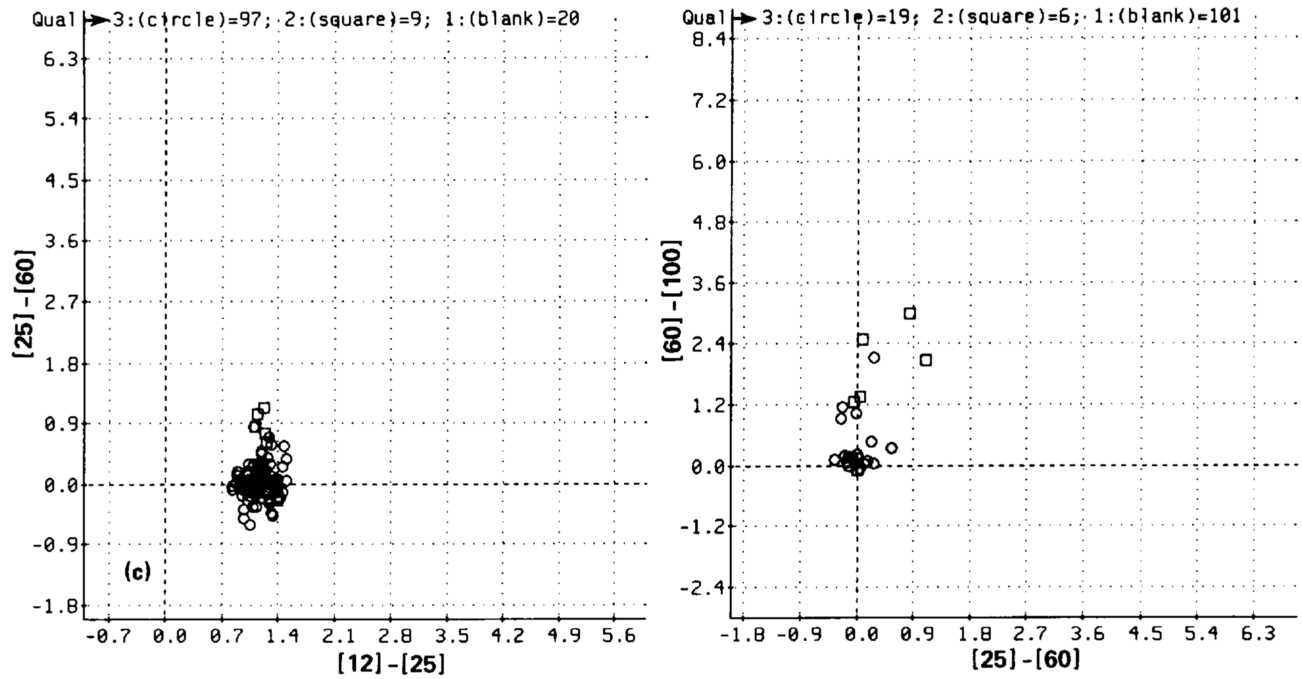
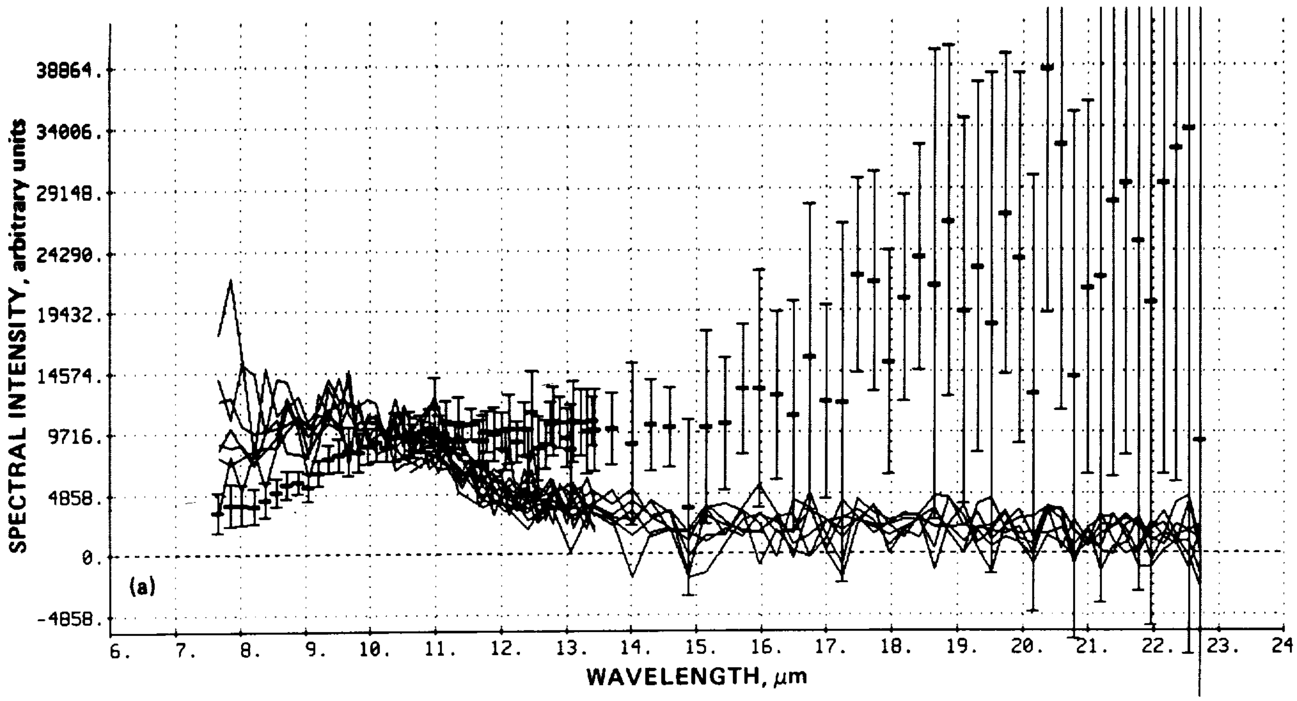


Figure 23.– Concluded. (c) Color-color.

Commentary for Class 18/β11

Source count: 126; Source type: Oxygen-rich/emission C; S/N: High.

These sources have emission features at 10.0 μm and 18 μm (like class 10/β3) and perhaps also at 13 μm. The 50 plotted spectra show a separation in feature strength unlike the other classes. The LRS continuum suggests a temperature of 400 K and the colors imply a range of temperature from 300 K to 350 K, with some sources having anomalous colors. This class is much more confined to the galactic plane than the other silicate emission classes. Assuming a scale height of 200 pc, the estimated mean distance of these sources is 4 kpc. Half of the sources have no associations. The rest of the sources are usually associated with irregular or semi-regular variables with a long period, which are often associated with supergiants. The 12 μm flux density ranges from 15.11 Jy to 629.7 Jy, with 23% of the sources having flux densities greater than 100 Jy. Only 13% of the sources have VAR >= 90. It is likely that this class, and also class 10/β3, comprise massive red stars. Class 7/β0 also has a large number of associations with supergiants and it has a completely different source distribution. From the estimated mean distance and the mean flux, M_{12} is estimated to be -14.2 for the sources in this class.



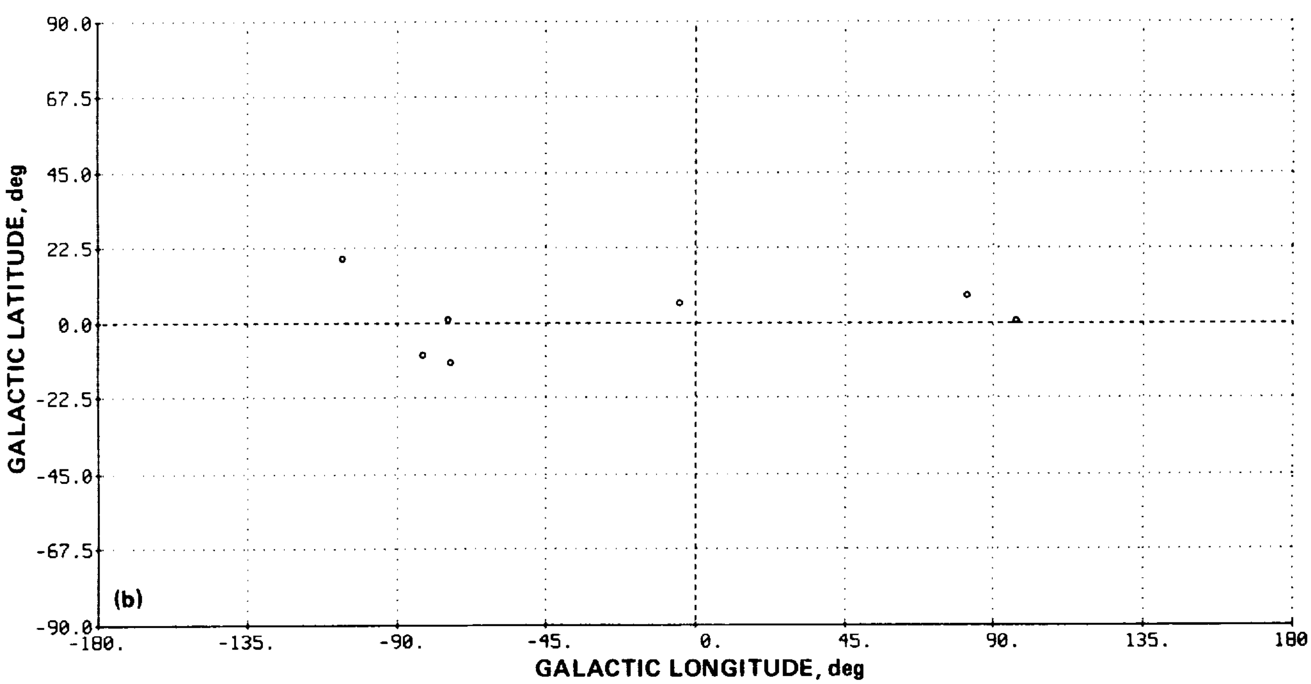


Figure 24.– Plots for Class 19/β12. (a) Spectral; (b) galactic.

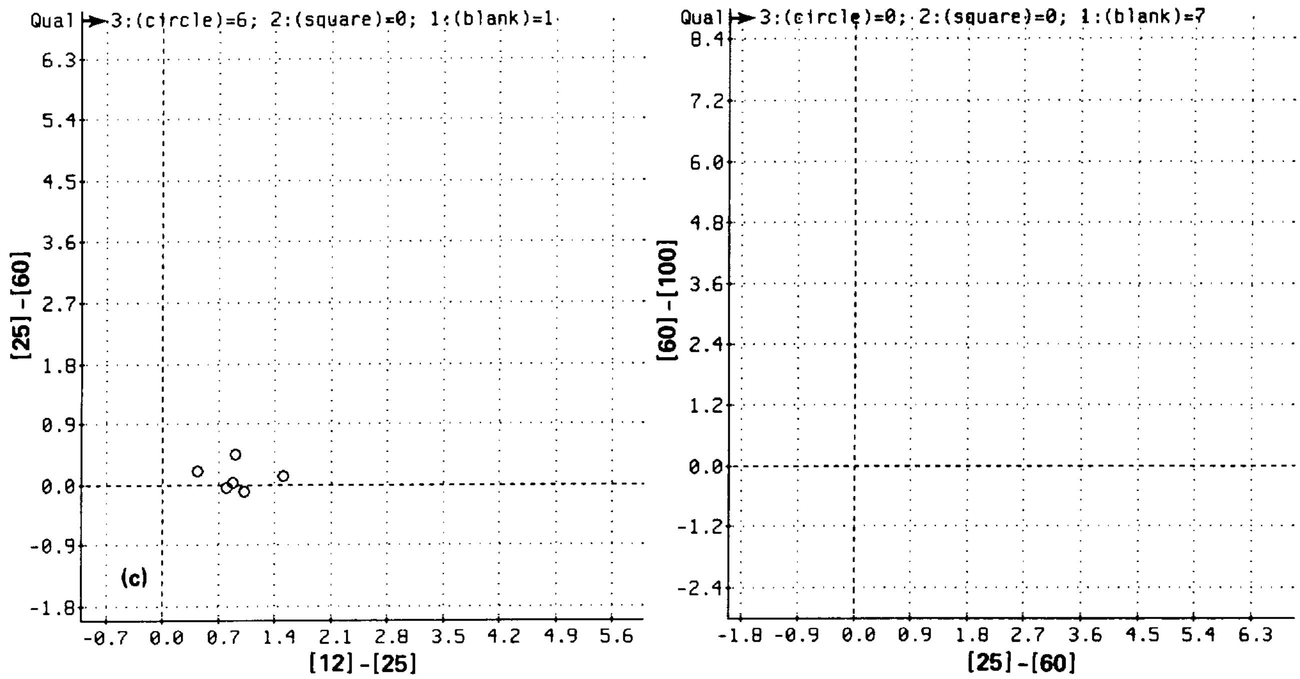


Figure 24.– Concluded. (c) Color-color.

Commentary for Class 19/β12

Source count: 7; Source type: Not defined; S/N: Very noisy.

These sources may have emission around 11 μm. The LRS continuum suggests a temperature of 400 K, and the colors imply a range of temperature from 400 K to 1,000 K. The colors imply that the group is a mixture of source types. They are found at a wide range of galactic longitudes and are moderately dispersed in galactic latitude.

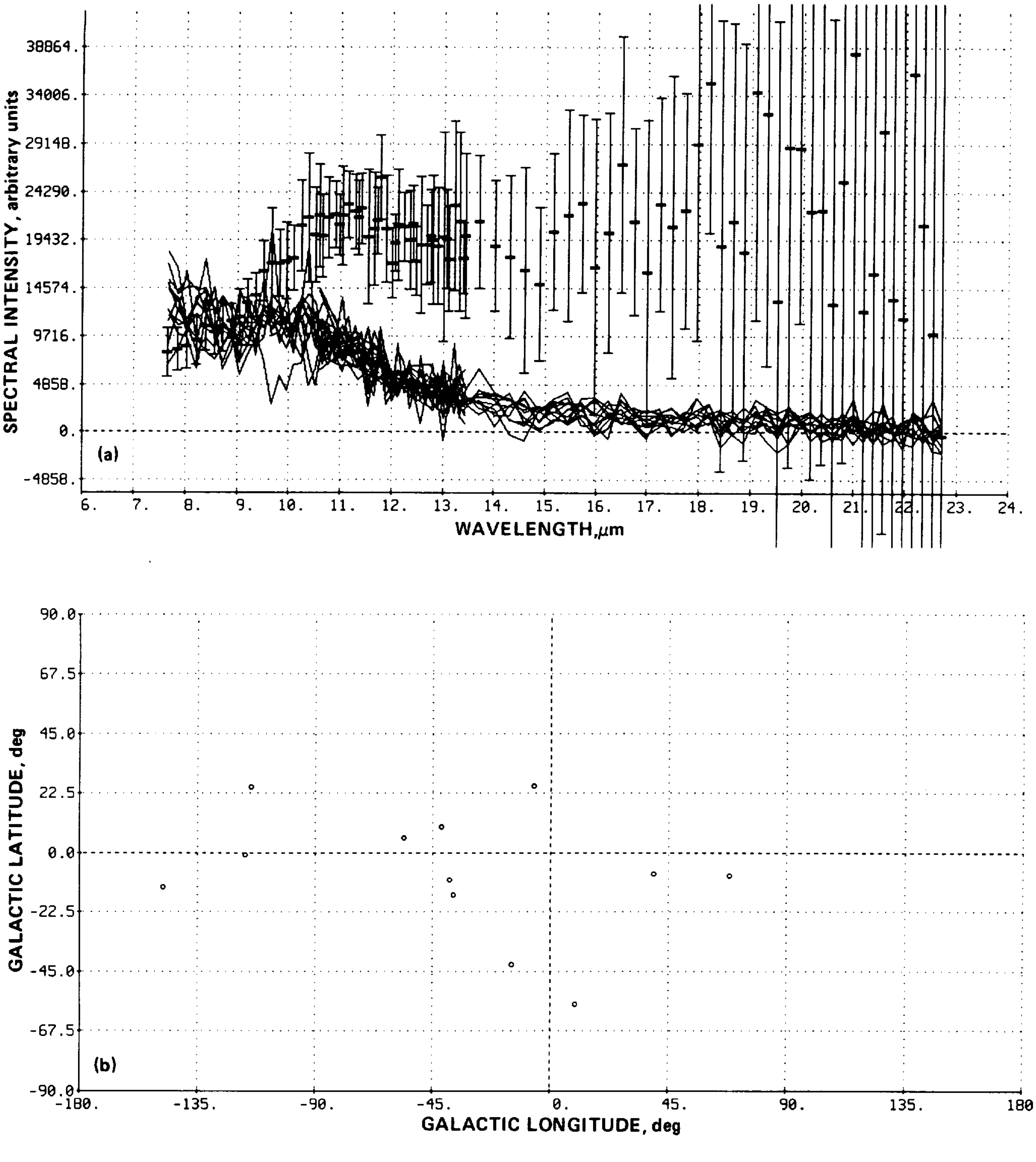


Figure 25.– Plots for Class 20/β13. (a) Spectral; (b) galactic.

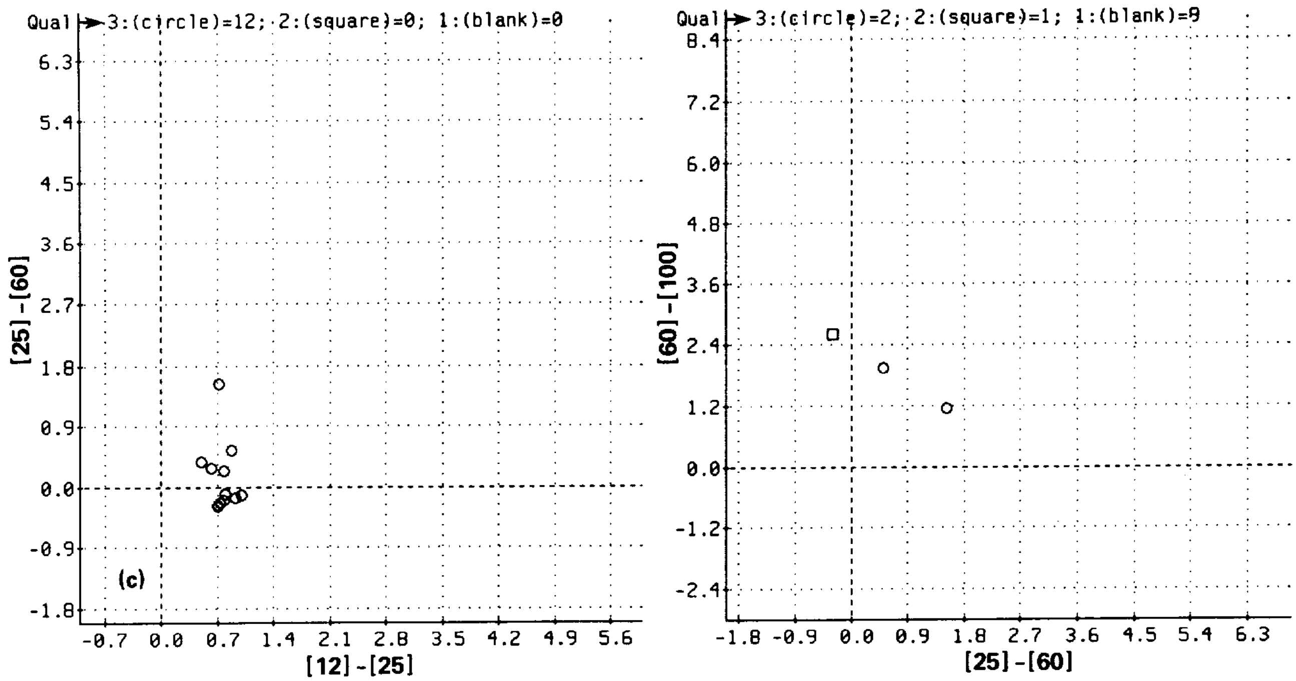


Figure 25.– Concluded. (c) Color-color.

Commentary for Class 20/β13

Source count: 12; Source type: Not defined; S/N: Very noisy.

These sources may have emission around 10 μm. The LRS continuum suggests a temperature of 800 K, and the colors imply a range of temperature from 500 K to 1,000 K. Some sources have very anomalous colors. These sources are found at all galactic longitudes, and have a large dispersion in galactic latitude. One of the sources is associated with a carbon-rich star. The 12 μm flux density ranges from 8.55 Jy to 12.80 Jy. Two sources have VAR >= 90, and 6 sources have VAR =< 20. The low 12 μm flux, with the galactic distribution, suggests this is a class of low luminosity local sources. The sources tend to have a 60 μm or 100 μm excess.

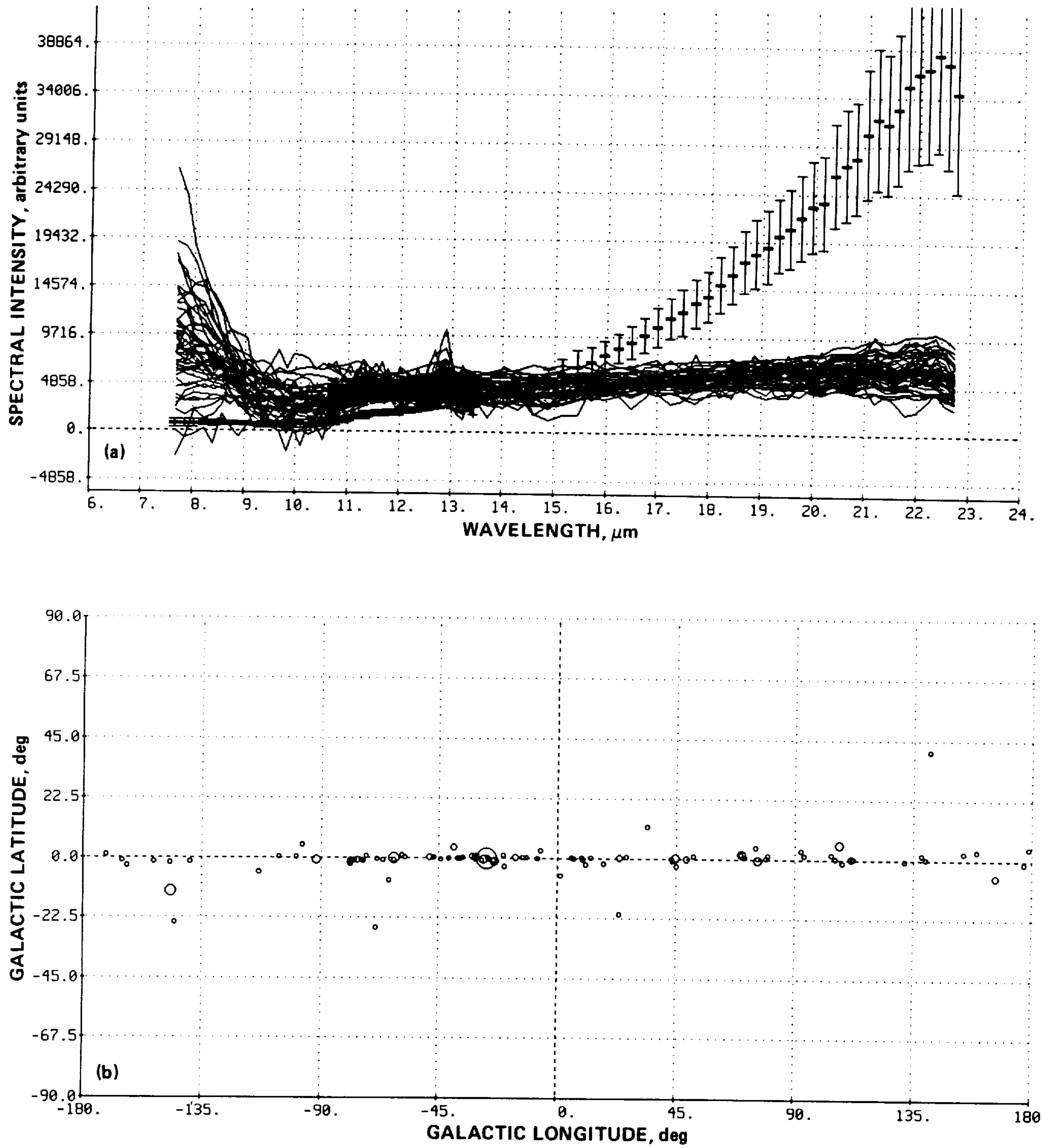


Figure 26.– Plots for Class 21/γ0. (a) Spectral; (b) galactic.

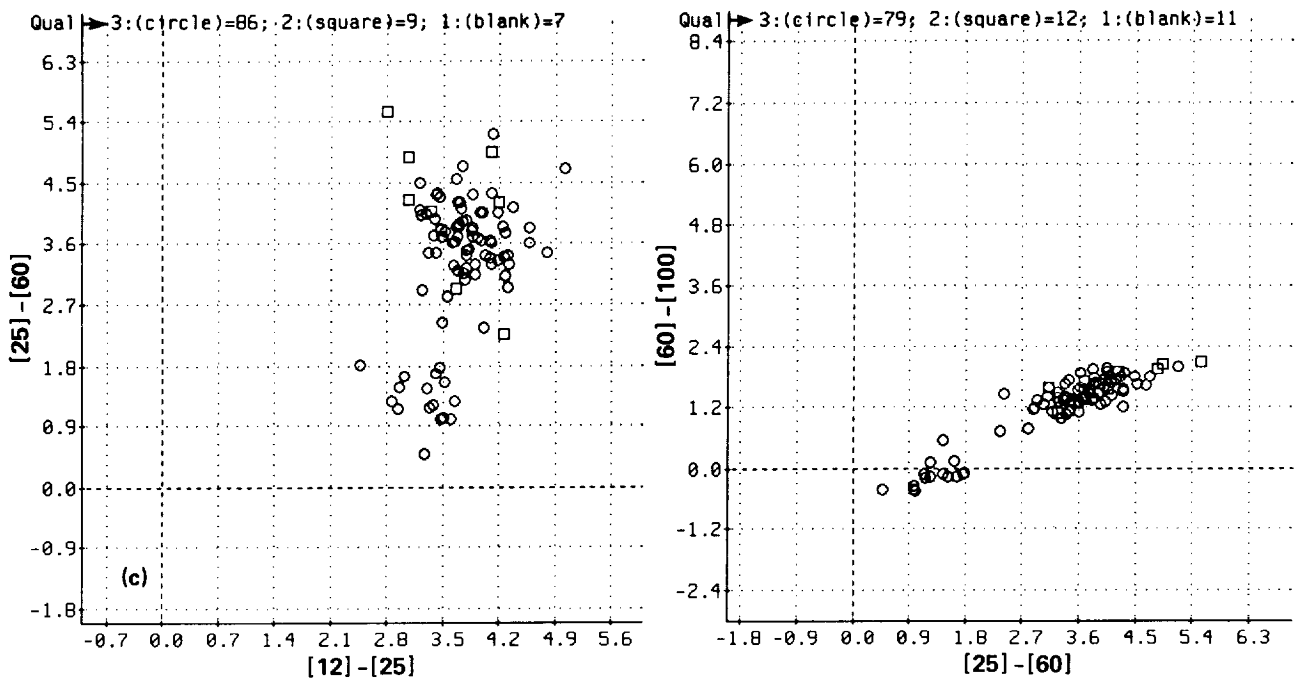


Figure 26.– Concluded. (c) Color-color.

Commentary for Class 21/γ0

Source count: 102; Source type: *HII* region; S/N: Good.

Most of the sources show the 10 μm feature in absorption, and the spectra increase in flux towards the red, especially beyond 13 μm. (There may possibly be emission features at 7.7 μm and 11.3 μm.) The LRS continuum suggests a temperature of 150 K and the colors imply a range between 60 K and 1,000 K. There are two groups of sources in the color-color diagrams. The sources are concentrated towards the galactic plane, and are found at all longitudes. The sources with lower [25]-[60] tend to have no associations or are associated with planetary nebulae. The group with the redder colors have associations with *HII* regions. One source (far from the galactic plane) is associated with a galaxy. The 12 μm flux density ranges from 4.55 Jy to 2546 Jy. Around 8% of the sources have VAR >= 90, and 55% have VAR =< 20. This class is primarily made up of *HII* regions, with around 1 source in 6 being a young planetary nebula or possibly a proto-planetary nebula. The planetary nebulae are found at the higher galactic latitudes.

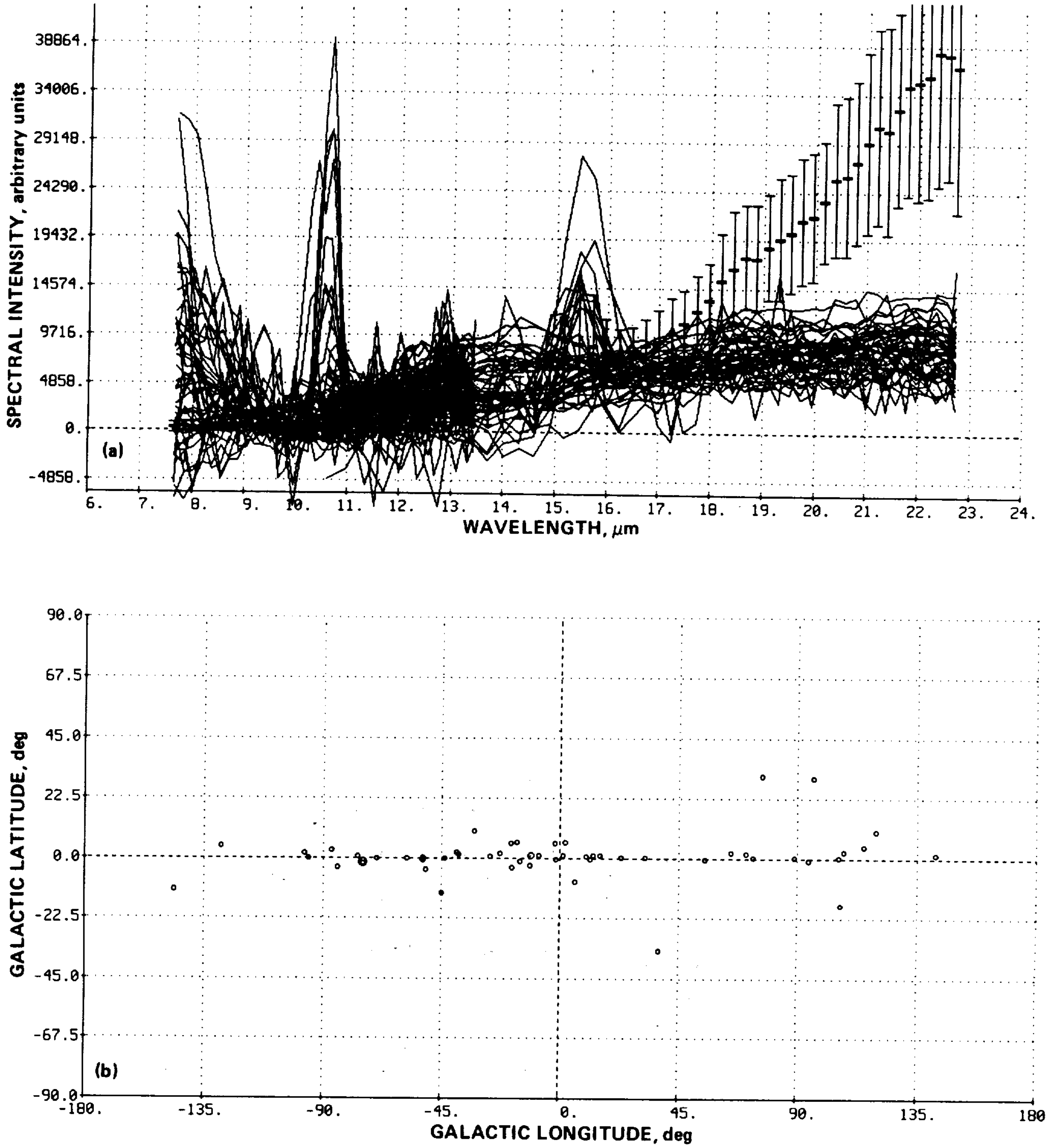


Figure 27.– Plots for Class 22/γ1. (a) Spectral; (b) galactic.

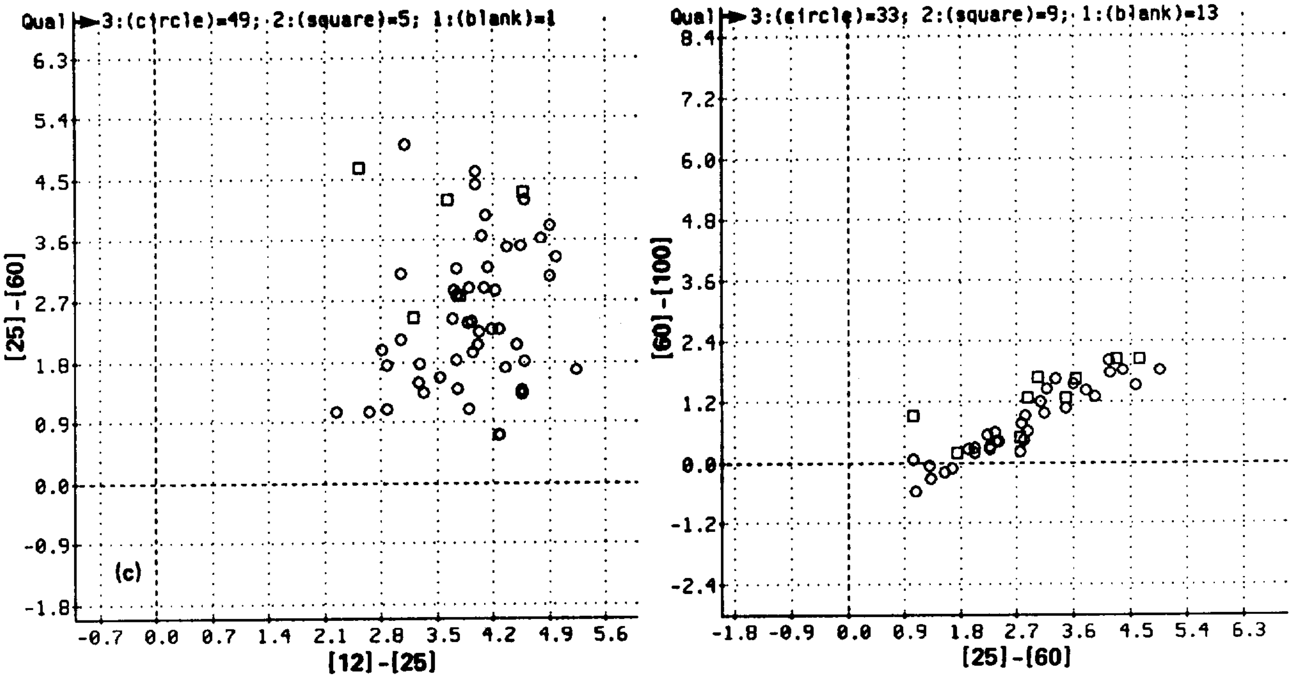


Figure 27.– Concluded. (c) Color-color.

Commentary for Class 22/γ1

Source count: 55; Source type: *HII* region; S/N: Noisy.

This class is similar to class 21/γ0, in that there is the increase in flux at the longer wavelengths. Several emission lines are seen in the spectra, 7.7 μm, 10.6 μm, 11.3 μm and 15.5 μm. The LRS continuum suggests a temperature of 100 K, and the colors imply a range from 70 K to 500 K. There is considerable scatter in the colors. The sources are concentrated towards the galactic plane, and they have a slight preference for the inner galaxy. About 30% of the sources have no associations. Those sources with associations split about evenly between planetary nebulae and sources in the Bonn (catalog number 21) or Parkes (catalog number 20) radio surveys of *HII* regions. The 12 μm flux density ranges from 1.7 Jy to 200.6 Jy. Around 9% of the sources have VAR >= 90, and about 50% of the sources have VAR =< 20. These sources are generally fainter than the class 21/γ0 sources and have a larger dispersion about the galactic plane. This is presumably because this class has a larger fraction of planetary nebulae in it. There are a number of *PAH* sources in this class.

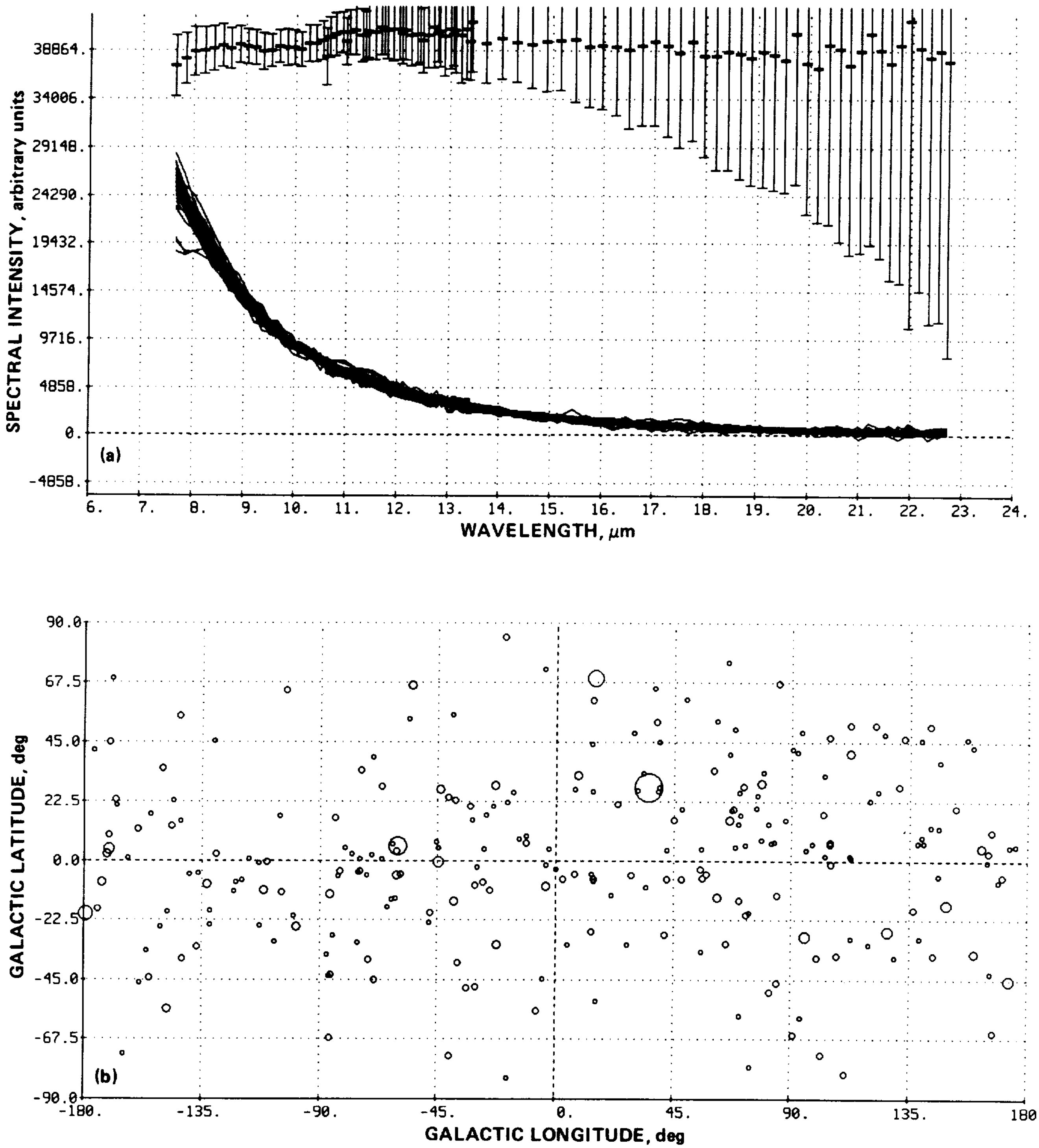


Figure 28.– Plots for Class 23/δ0. (a) Spectral; (b) galactic.

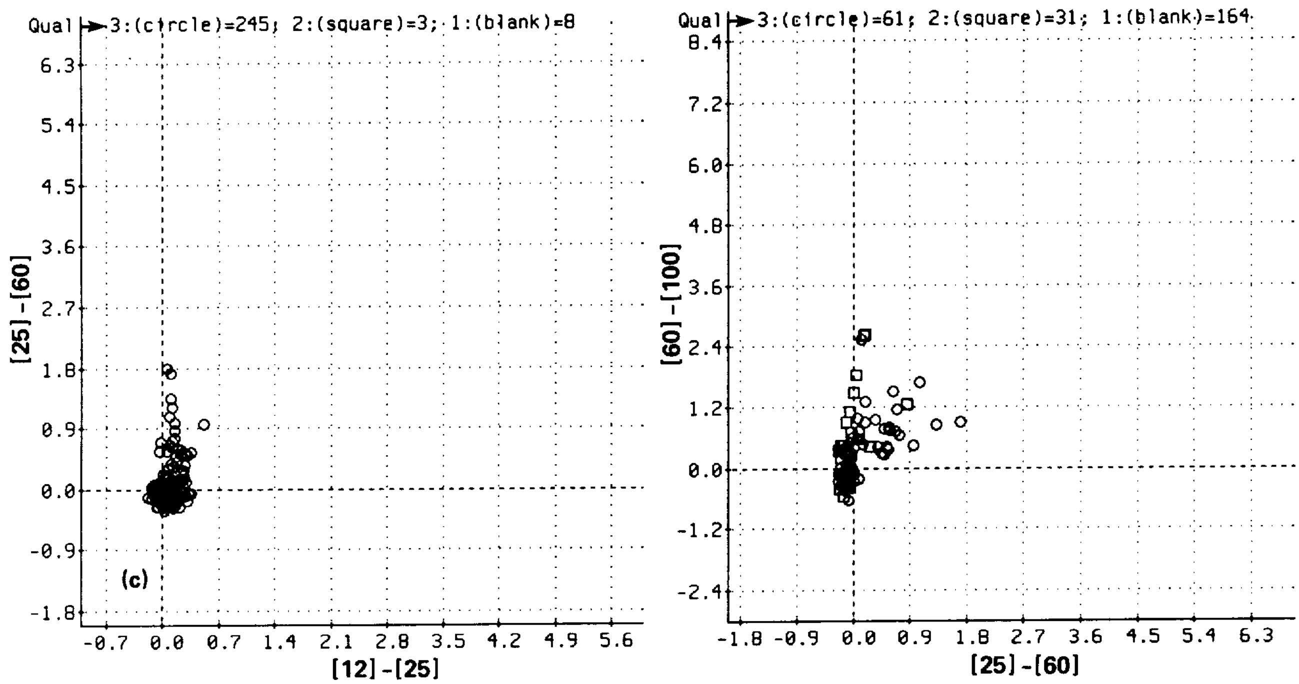


Figure 28.– Concluded. (c) Color-color.

Commentary for Class 23/δ0

Source count: 256; Source type: Featureless; S/N: Very high.

A small number of the spectra flatten at wavelengths below 8.5 µm. As mentioned in the introduction, some stars in this class had calibration problems. The LRS continuum suggests a temperature of 10,000 K and the colors imply temperatures above 1,000 K. There are some sources with anomalous colors. These sources are found at all galactic latitudes and longitudes. Assuming a scale height of 250 pc, the estimated mean distance is 500 pc. All the sources have associations, but only a few are with stars earlier than *G8*. The 12 µm flux density ranges from 18.05 Jy to 1515 Jy. Of the sources, 46 have a 12 µm flux greater than 100 Jy. Only 2% of the sources have VAR >= 90, while 73% have VAR =< 20. These stars have spectra and colors very close to those expected from the Rayleigh-Jeans law. There are some carbon stars in this class, with a very weak feature around 11 µm caused most probably by two weak absorption features. Some of the carbon stars, and some others (including *Vega*) have 60 µm or 100 µm excesses. The M_{12} for this class is estimated to be -9.2.

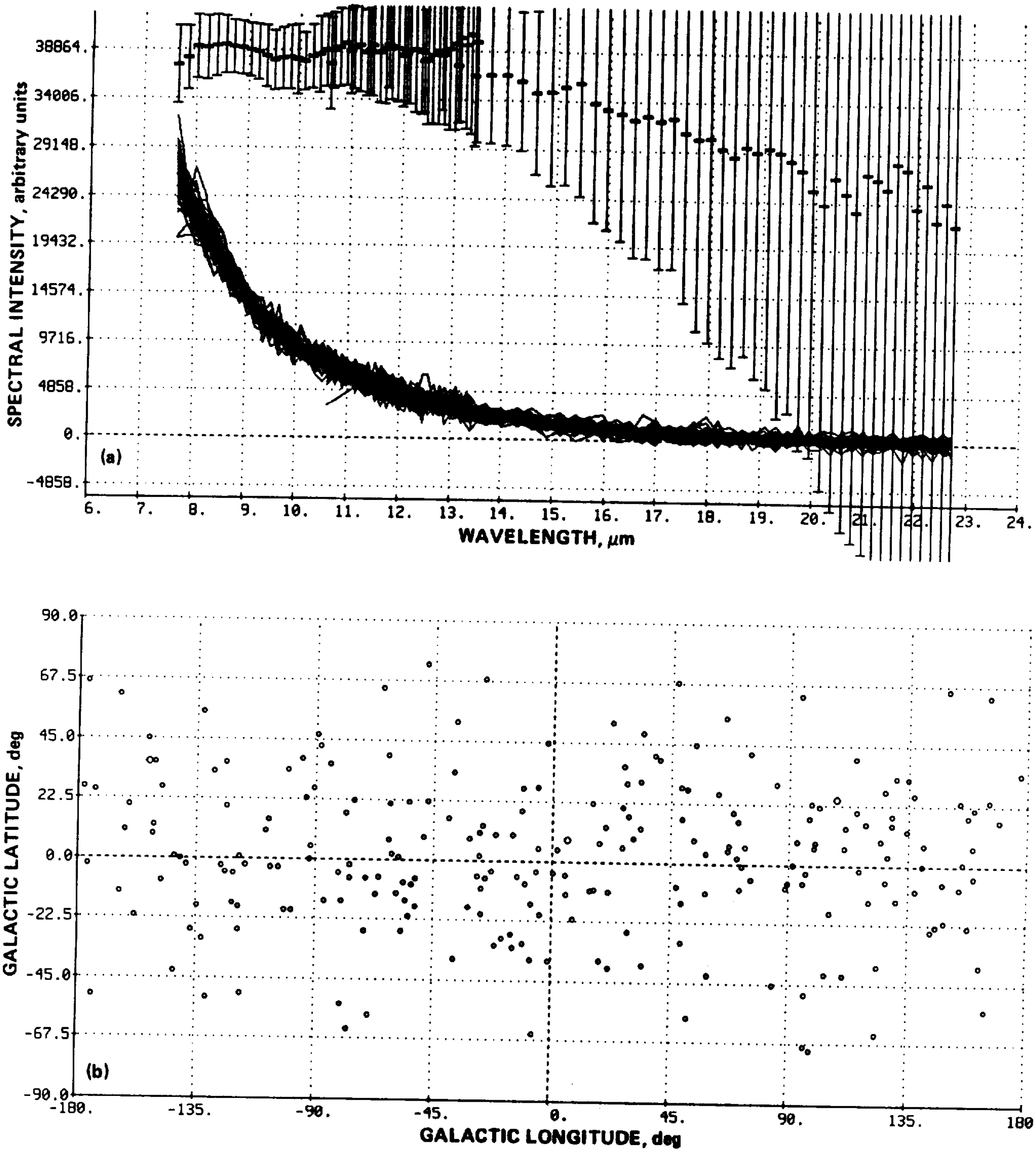


Figure 29.– Plots for Class 24/δ1. (a) Spectral; (b) galactic.

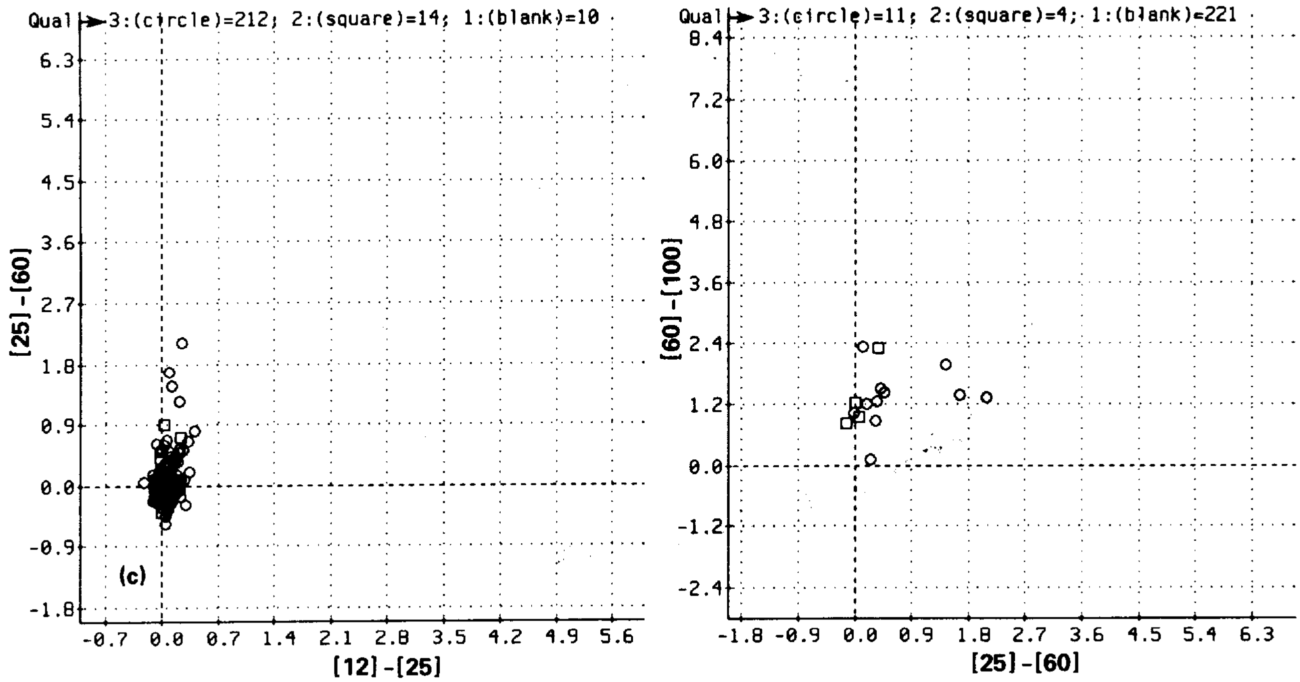


Figure 29.– Concluded. (c) Color-color.

Commentary for Class 24/δ1

Source count: 236; Source type: Featureless; S/N: High.

These sources are very similar to those in class 23/δ0, except that they are more noisy, especially in the redder section of the spectrum. There is a decline in the redder part of the spectrum which may be caused by baseline problems. The LRS continuum suggests a temperature of 10,000 K and the colors imply a temperature above 1,000 K. Some sources have anomalous colors. The sources are found at all galactic latitudes and longitudes, and the estimated mean distance is 600 pc. Only 3 sources do not have associations. There are more *K* stars associated with this class than with class 23/δ0, but the overall pattern is the same. Some sources are associated with *G* or early *K* supergiants, but none are associated with *M* supergiants. Two sources are associated with stars of early spectral type. The 12 μm flux density ranges from 11.14 Jy to 96.48 Jy. No sources have VAR >= 90, and 81% have VAR =< 20. There are 10 carbon stars in this class and they have 60 μm excesses. The M_{12} is estimated to be -8.2 for this class.

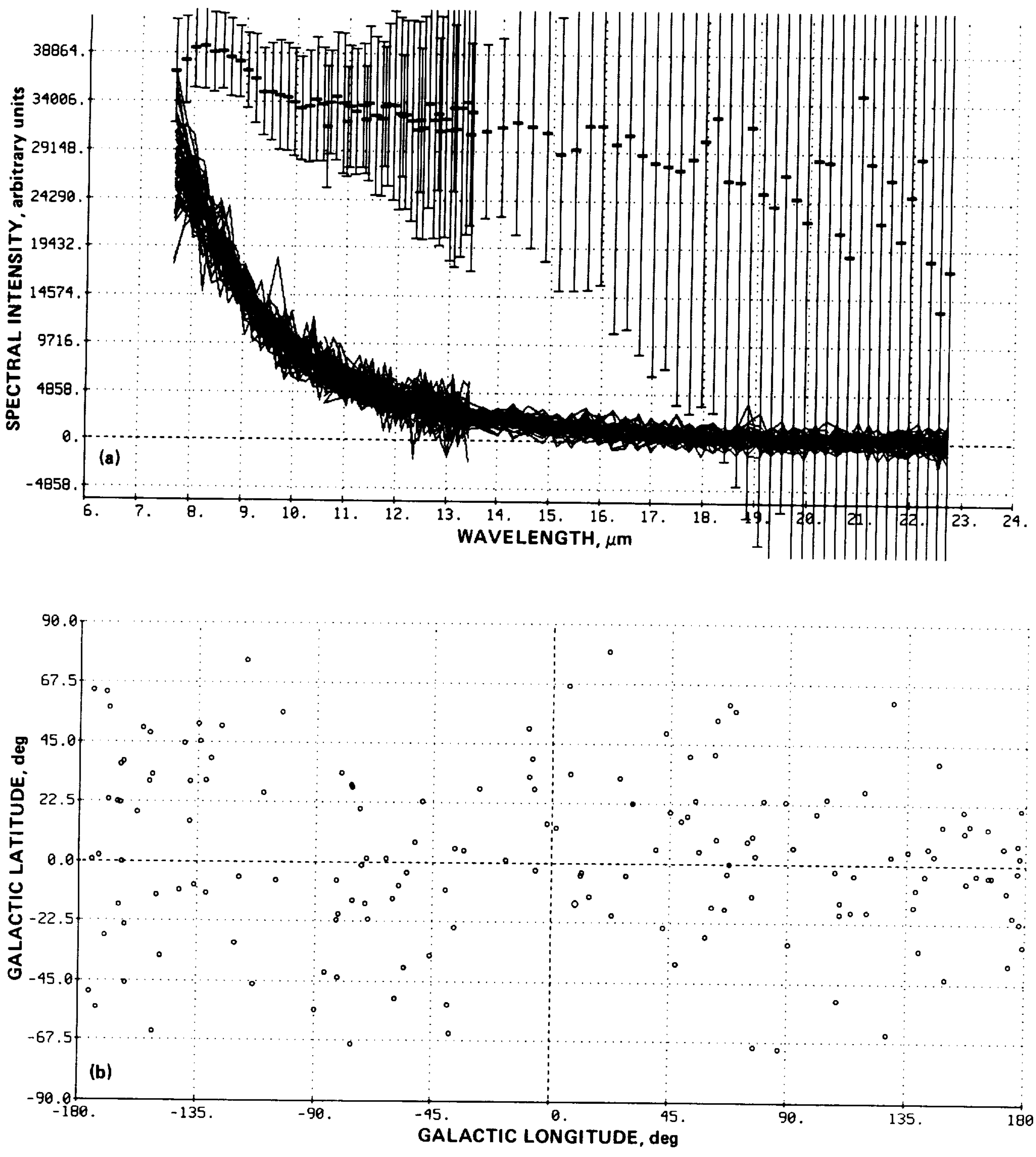


Figure 30.– Plots for Class 25/δ2. (a) Spectral; (b) galactic.

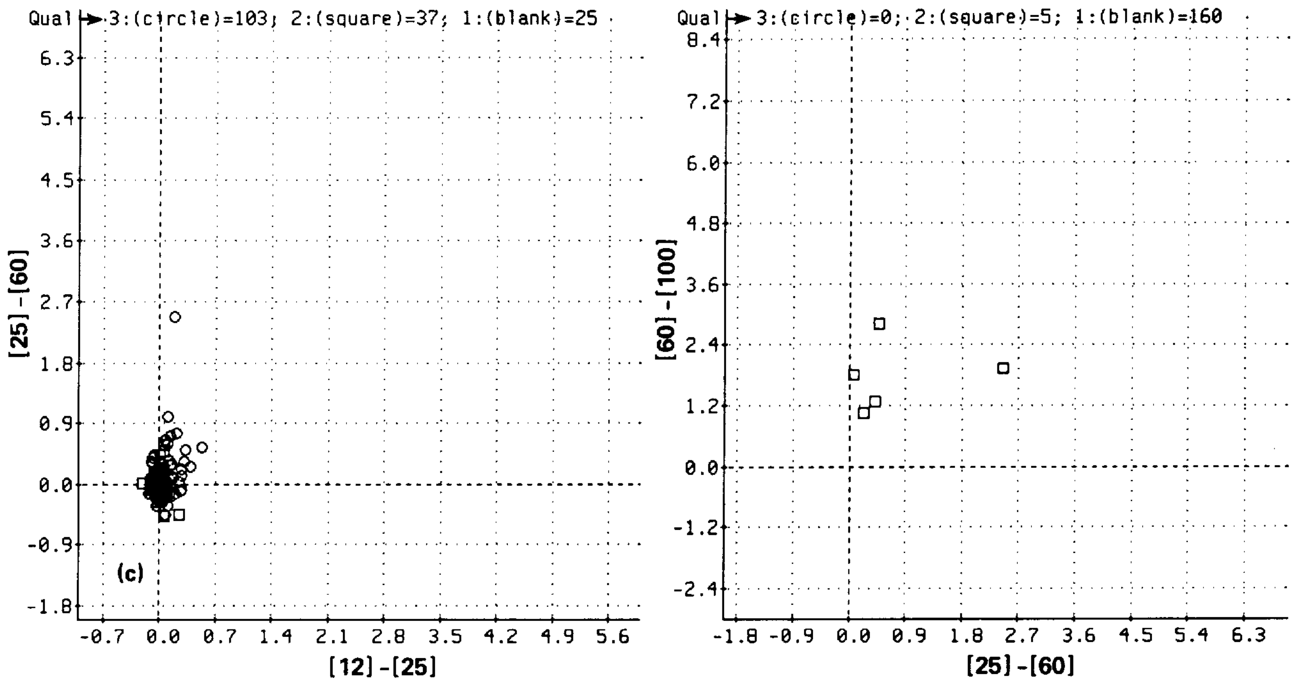
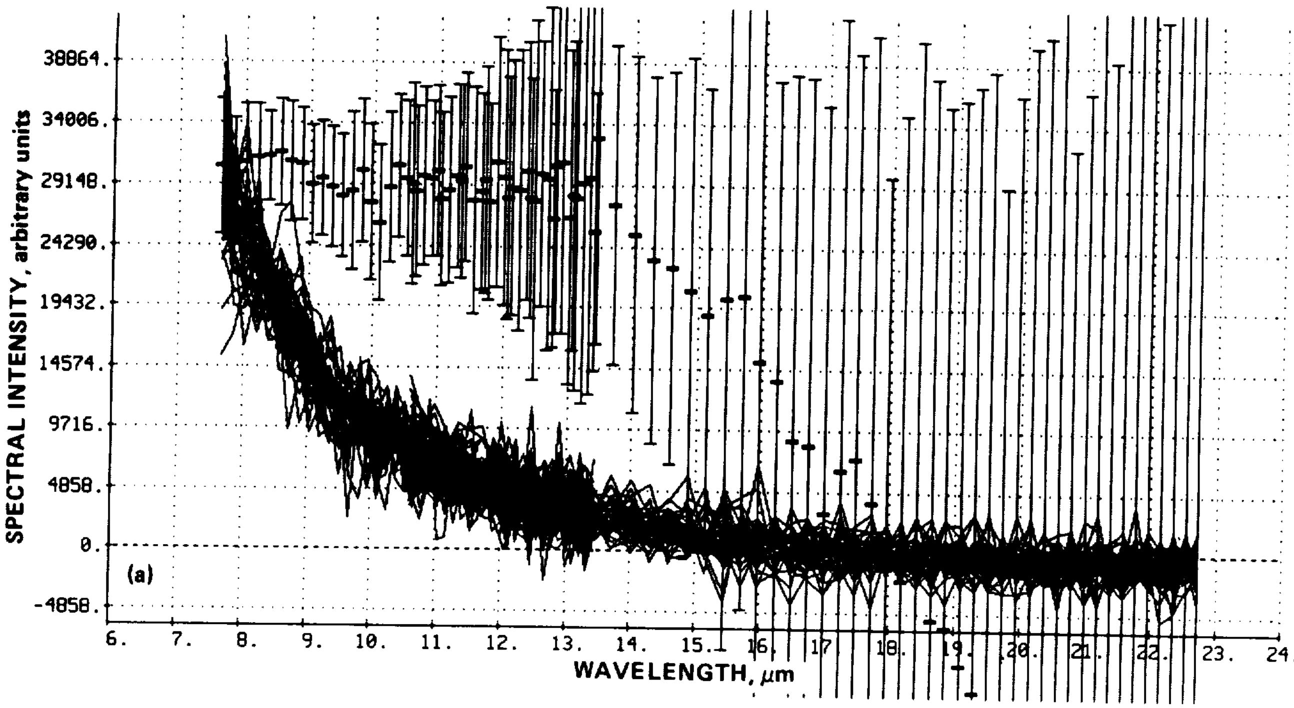


Figure 30.– Concluded. (c) Color-color.

Commentary for Class 25/δ2

Source count: 165; Source type: Featureless; S/N: Noisy.

These sources are similar to those in classes 23/δ0 and 24/δ1, but more noisy. The sources have the same baseline problem in the redder part of the spectrum. There may again be a feature in the blue part of the spectrum, either emission around 8.5 μm or absorption around 10 μm. The LRS continuum suggests a temperature of at least 10,000 K and the colors imply a temperature above 1,000 K. The sources are found at all galactic latitudes and longitudes, with a estimated mean distance of just over 500 pc. Only one source in this class has no association. Most of the sources are associated with early *K* giants. There are several associations with supergiants. There are 4 carbon stars in this class, and one source is associated with a dark cloud. The 12 μm flux density ranges from 7.45 Jy to 30.15 Jy. None of the sources have VAR >= 90, and 79% of the sources have VAR =< 20. M_{12} is estimated to be -7.3.



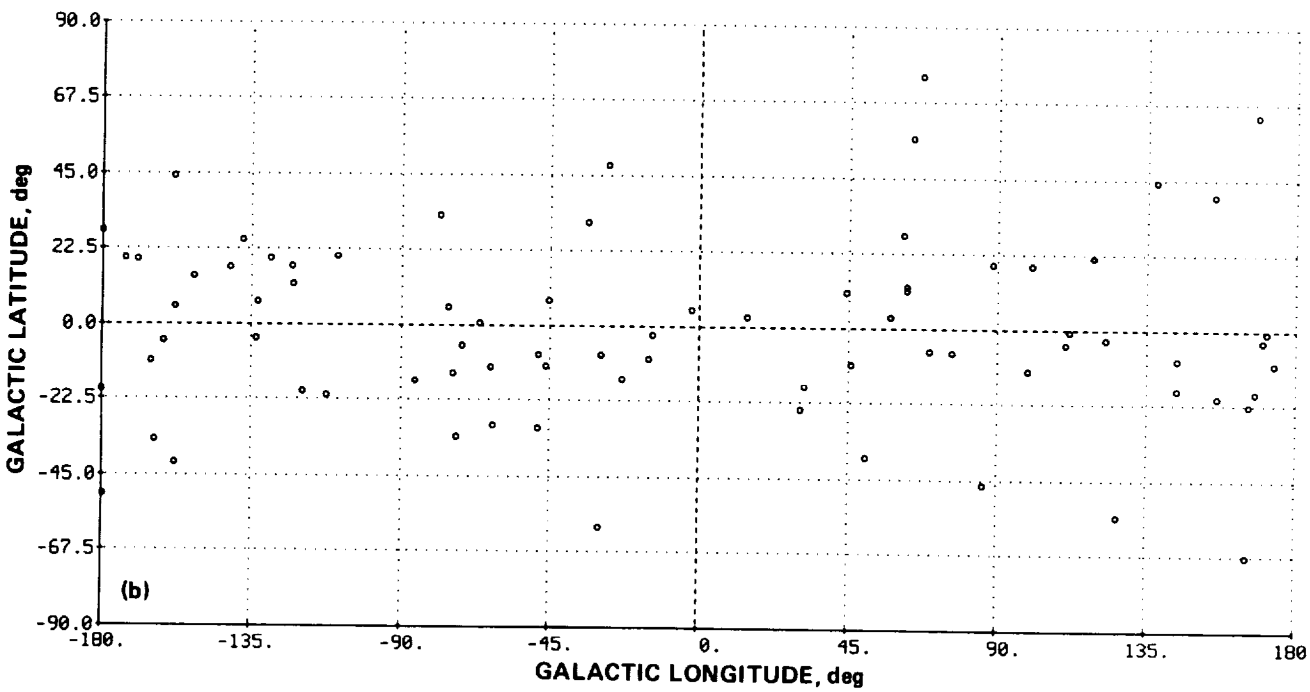


Figure 31.– Plots for Class 26/δ3. (a) Spectral; (b) galactic.

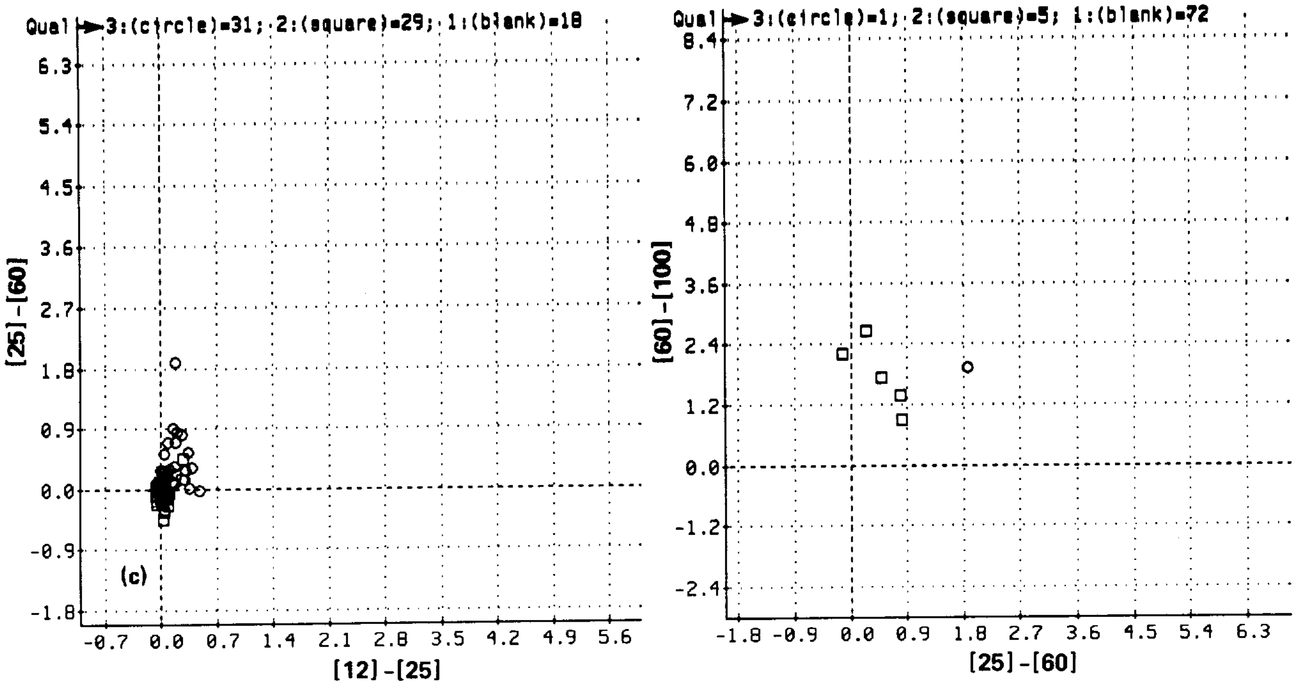


Figure 31.– Concluded. (c) Color-color.

Commentary for Class 26/δ3

Source count: 78; Source type: Featureless; S/N: Very noisy.

These sources are similar to those in classes 23/δ0 and 24/δ1, but very much noisier. There is a definite problem with the calibration of the long wavelength section of the spectra. The shorter wavelength LRS continuum suggests a temperature of at least 10,000 K and the colors imply a temperature above 1,000 K. These sources are found at all galactic latitudes and longitudes, with a mean estimated distance of 650 pc (assuming a scale height of 250 pc). Three of the sources have no associations. As in class 23/δ0 most of the sources are associated with early *M* or *K* giants. There appear to be no main sequence stars in this class and no supergiants. Only one source is associated with an early-type star, and there are 4 carbon stars in the class. The 12 μm flux density ranges from 6.67 Jy to 14.65 Jy. None of the sources have VAR >= 90, and 70% have VAR =< 20. M_{12} is estimated at -7.8 for this class.

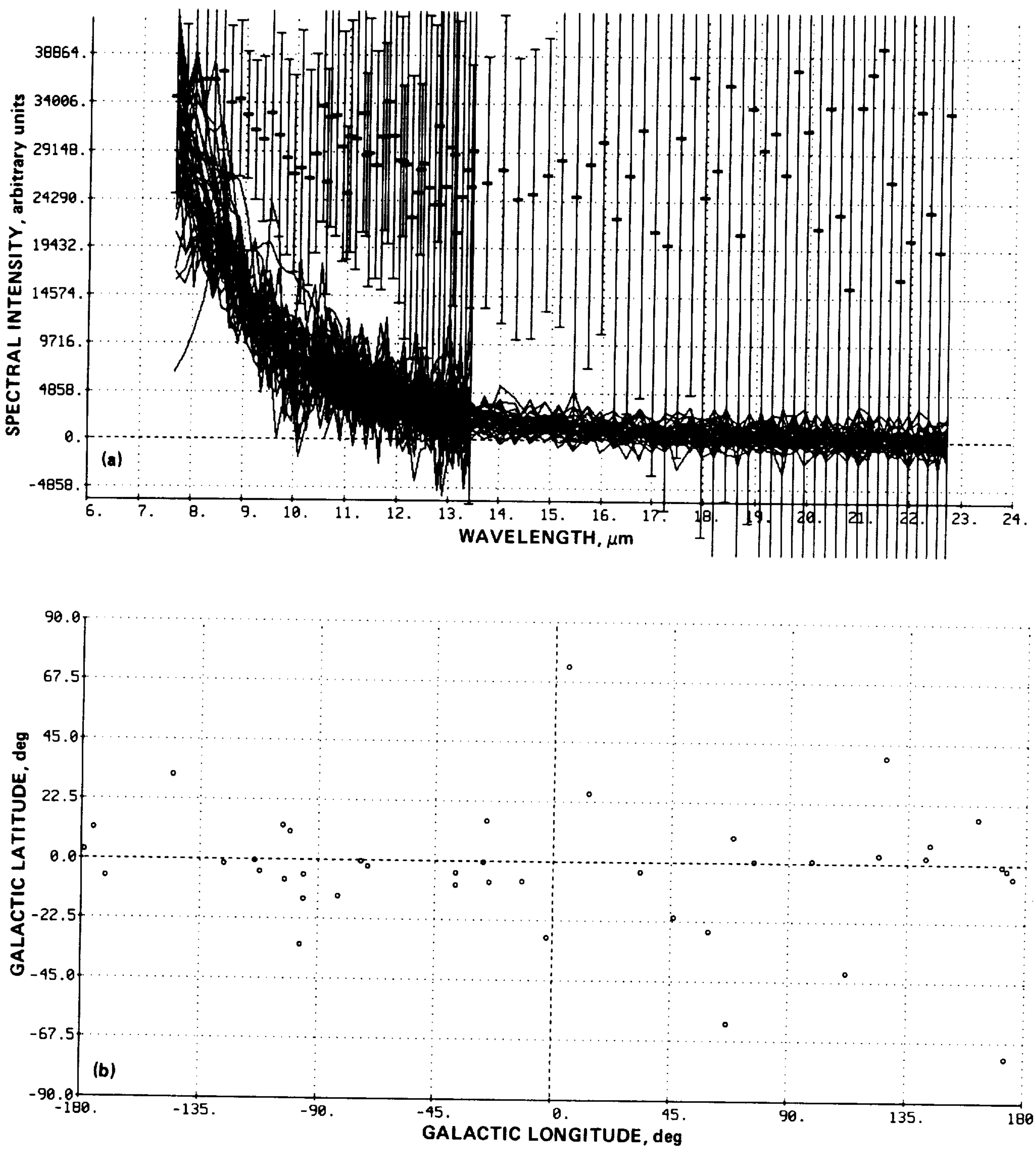


Figure 32.– Plots for Class 27/δ4. (a) Spectral; (b) galactic.

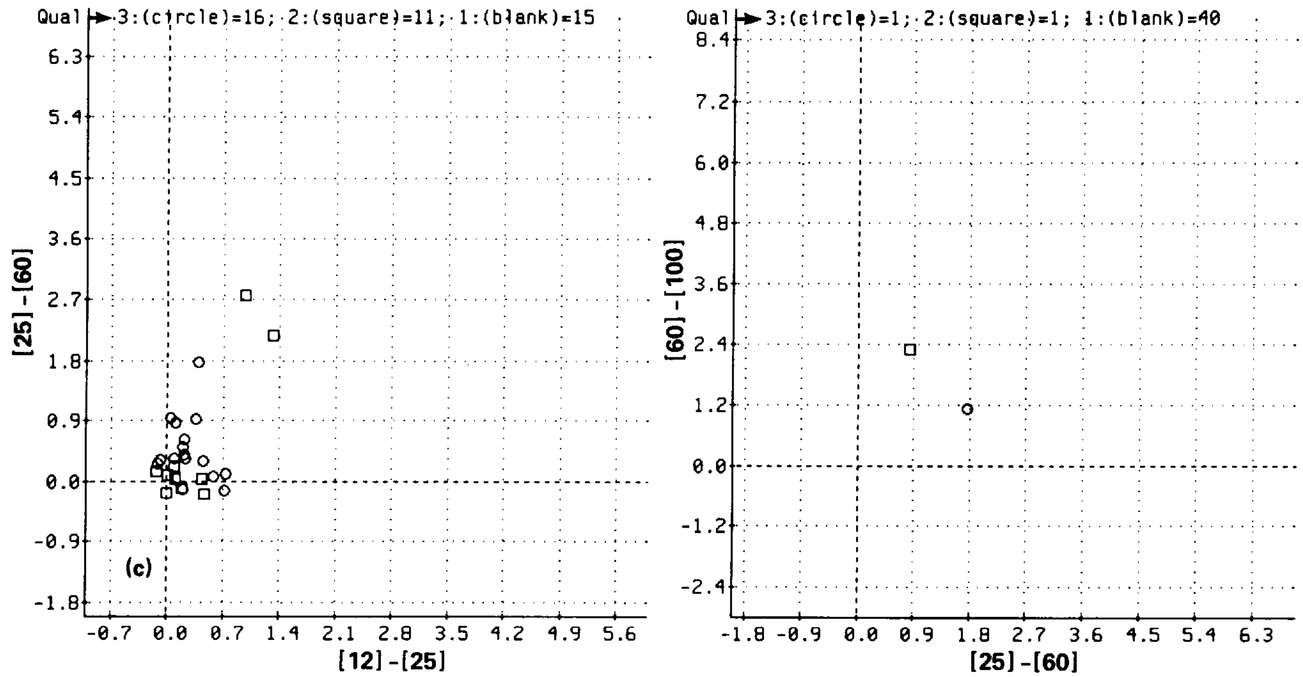
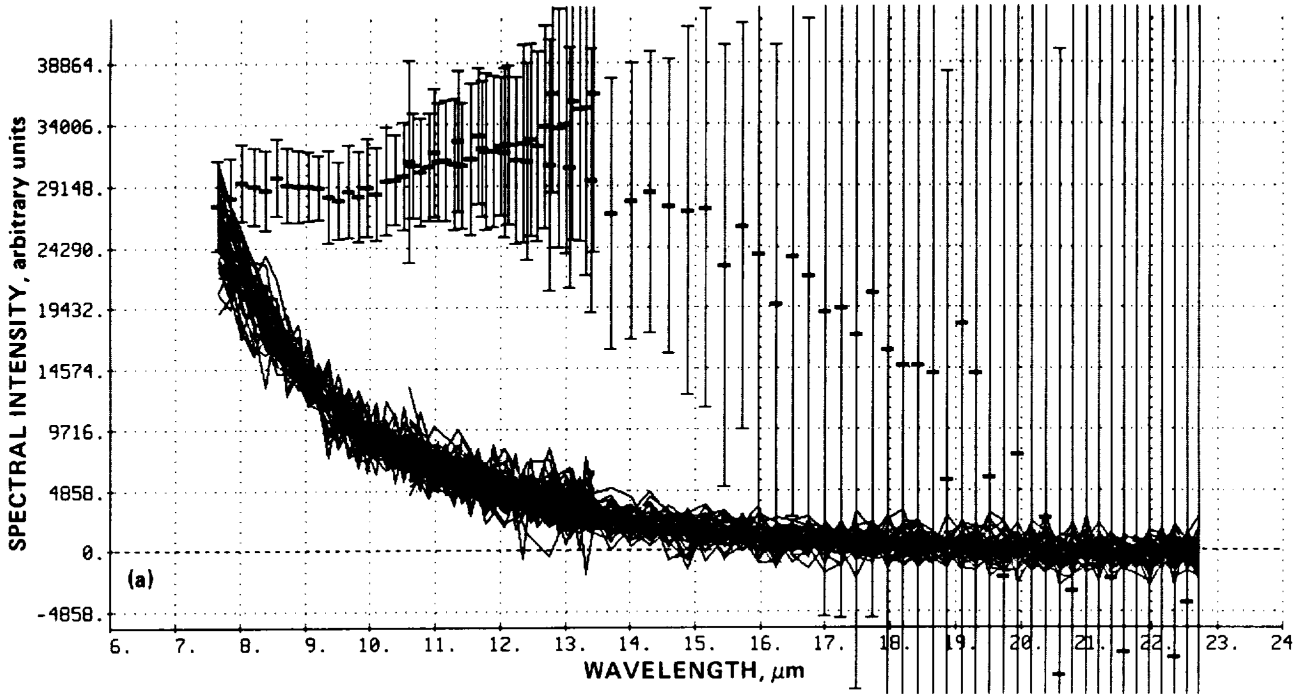


Figure 32.– Concluded. (c) Color-color.

Commentary for Class 27/δ4

Source count: 42; Source type: Featureless; S/N: Very noisy.

The spectra of these sources look featureless, but there is considerable dispersion in the blue part of the spectrum, especially at less than 9 μm. The colors are slightly redder than the other featureless classes. The LRS continuum suggests a temperature of more than 10,000 K and the colors imply a temperature above 500 K. These sources are found at all galactic latitudes and longitudes, but with a slight concentration towards the plane. Assuming a scale height of 250 pc, the estimated mean distance is 900 pc. Four of the sources have no associations. The associations include several nearby stars and some *K* and *M* giants. There are 7 carbon stars in this class, 5 of which have large [25]-[60]. Another source is associated with a reflection nebula and this also has a large [25]-[60]. The 12 μm flux density ranges from 4.60 Jy to 20.58 Jy. Two of the sources have VAR >= 90, and 21 out of 31 sources which have values, have VAR =< 20. M_{12} is estimated to be -8.2 for this class.



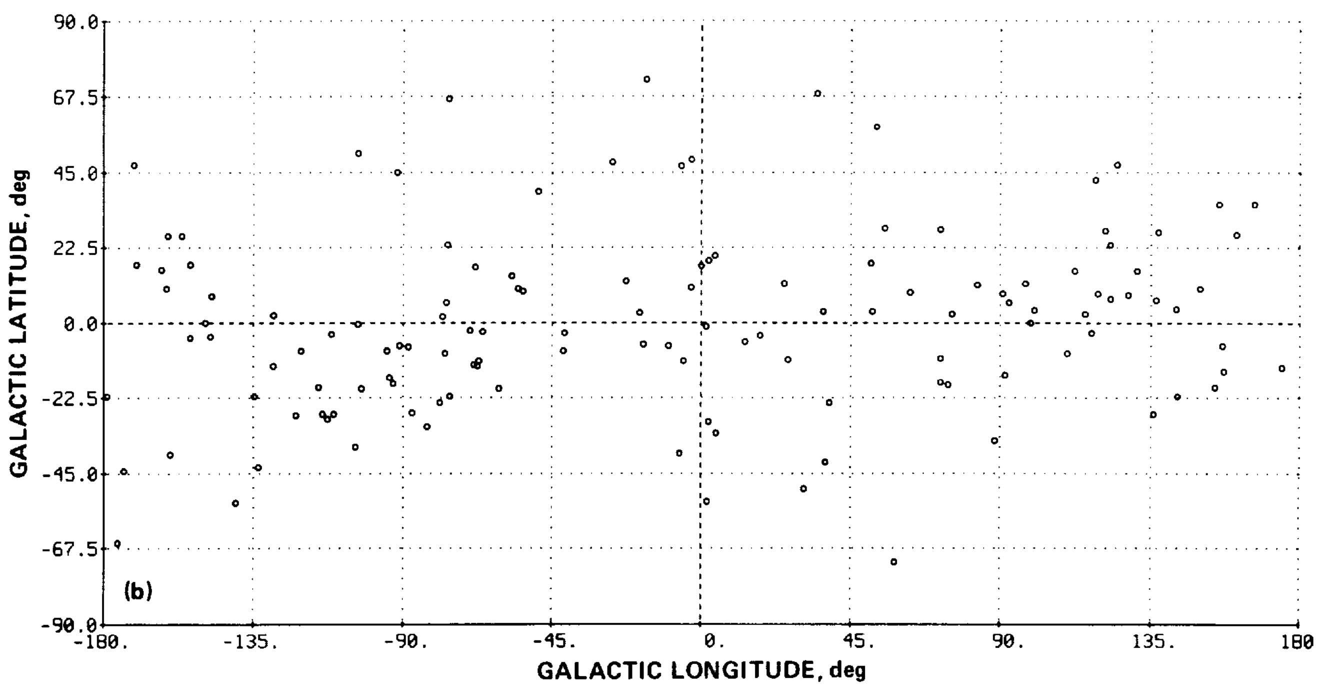


Figure 33.– Plots for Class 28/δ5. (a) Spectral; (b) galactic.

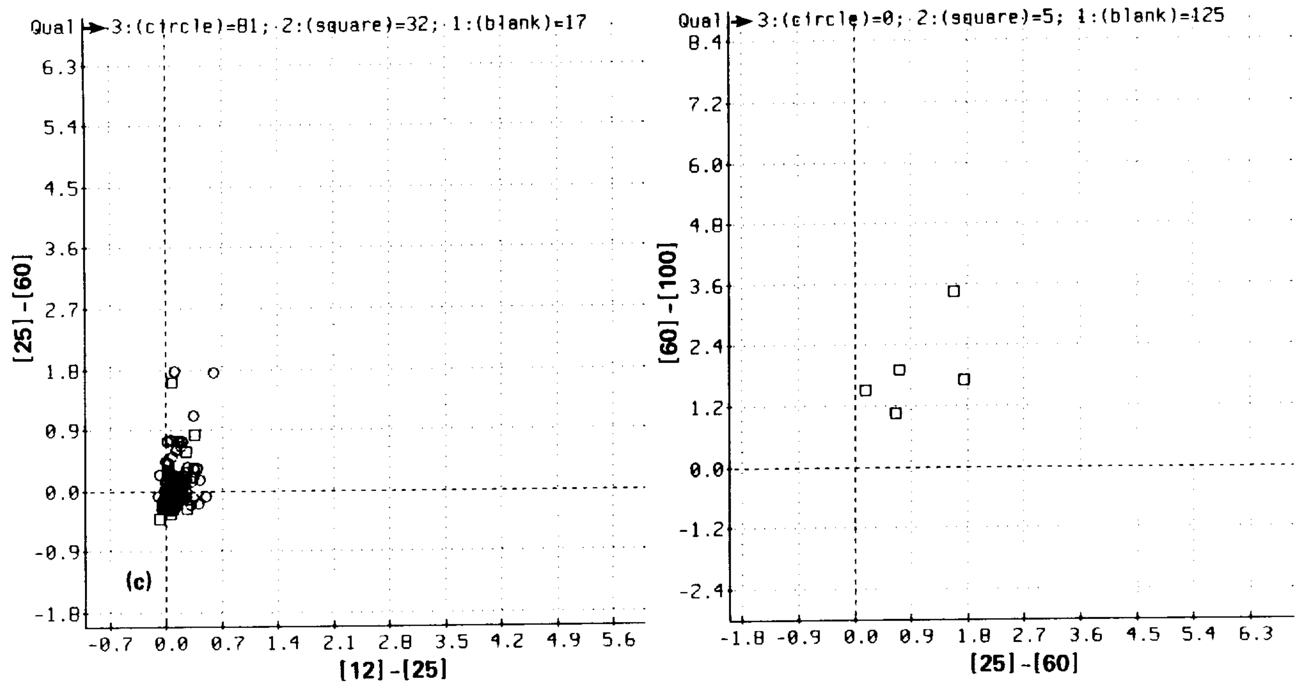
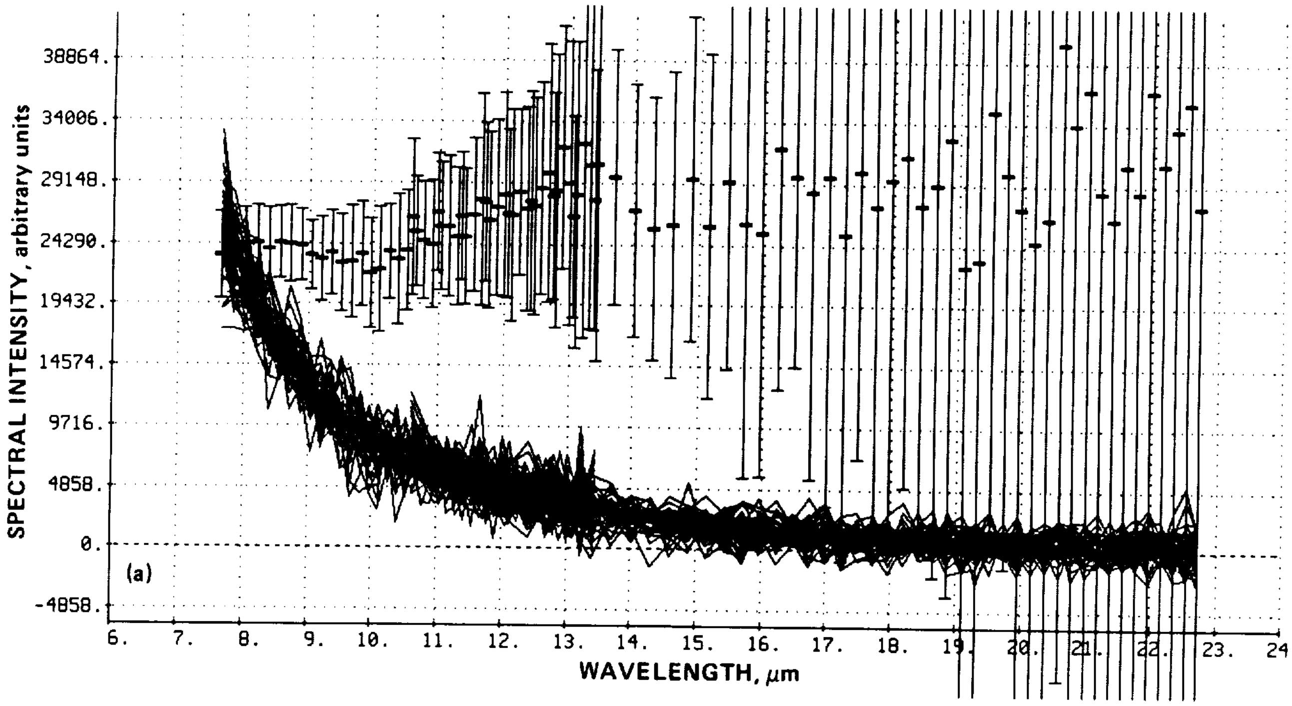


Figure 33.– Concluded. (c) Color-color.

Commentary for Class 28/δ5

Source count: 130; Source type: Featureless; S/N: Noisy.

These sources are very similar to class 26/δ3, but they are less noisy. There may be an absorption feature around 10 μm, and the sources have the baseline problem at redder wavelengths. The LRS continuum suggests a temperature of 3,000 K and the colors imply a temperature above 1,000 K. The sources are found at all galactic latitudes and longitudes. Assuming a scale height of 250 pc, the estimated mean distance is 650 pc. Only 3 sources have no associations. Most of the sources are associated with *K* and *M* giants, although there are a few supergiants. There are 2 sources with associations to stars of earlier spectral type. The 12 μm flux density ranges from 8.08 Jy to 24.71 Jy. Only one source has VAR >= 90, and 69% have VAR =< 20. The mean M_{12} is estimated to be -7.8 for this class.



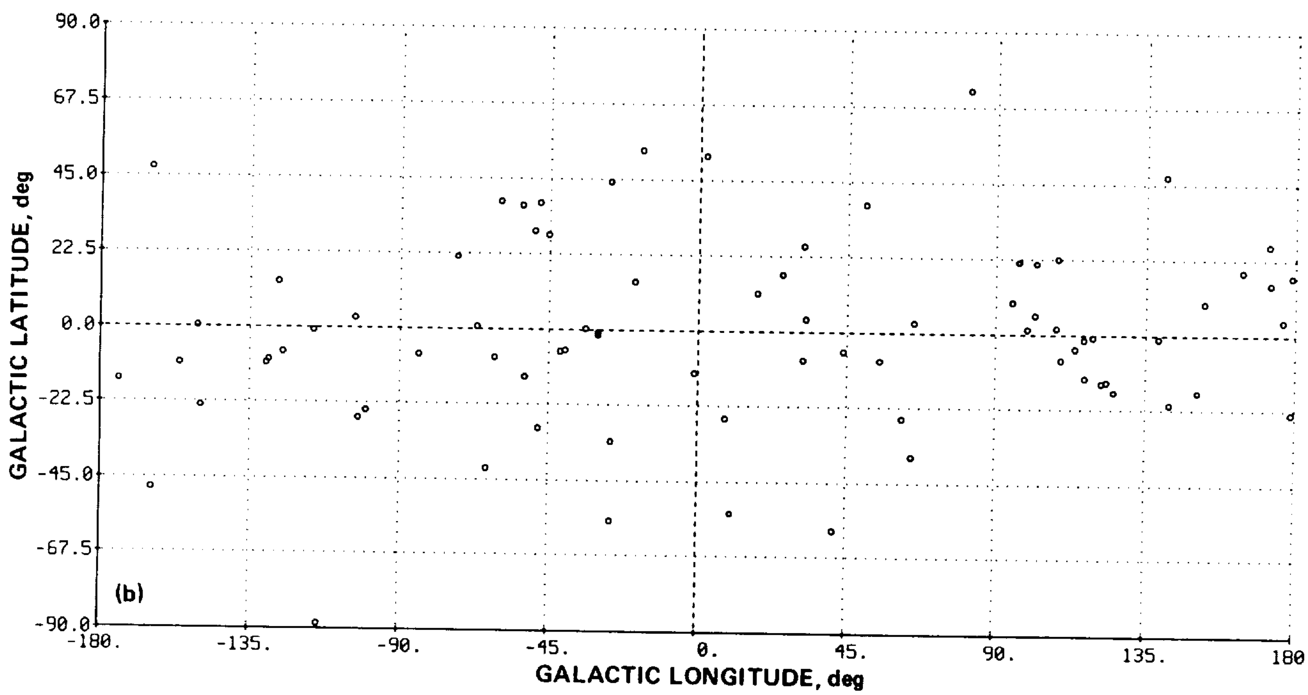


Figure 34.– Plots for Class 29/86. (a) Spectral; (b) galactic.

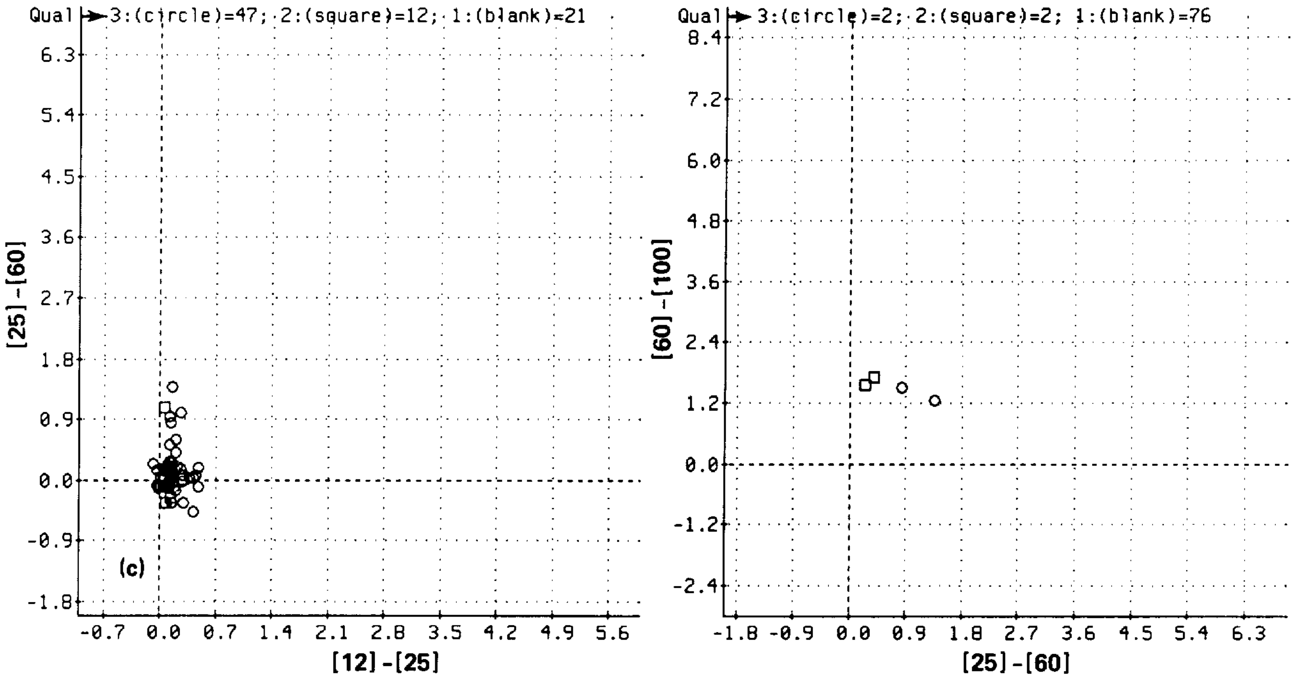


Figure 34.– Concluded. (c) Color-color.

Commentary for Class 29/δ6

Source count: 80; Source type: Featureless; S/N: Noisy.

These sources have a noisy featureless spectrum, although there may be a weak absorption feature at 10 μm. There are a few sources with anomalous colors. The LRS continuum suggests a temperature of 3,000 K and the colors imply a temperature above 1,000 K. The sources are found at all galactic latitudes and longitudes. Assuming a scale height of 250 pc, the estimated mean distance is 650 pc. Only three sources have no associations. Where spectral types are available, most of the sources are associated with early *M* stars. There are no associations with supergiants, and no source is associated with a star of spectral type earlier than *K0*. Two sources are associated with carbon stars. The 12 μm flux density ranges from 7.42 Jy to 13.69 Jy. Only one source has VAR >= 90, and 70% of the sources have VAR =< 20. M_{12} is estimated to be -7.6.

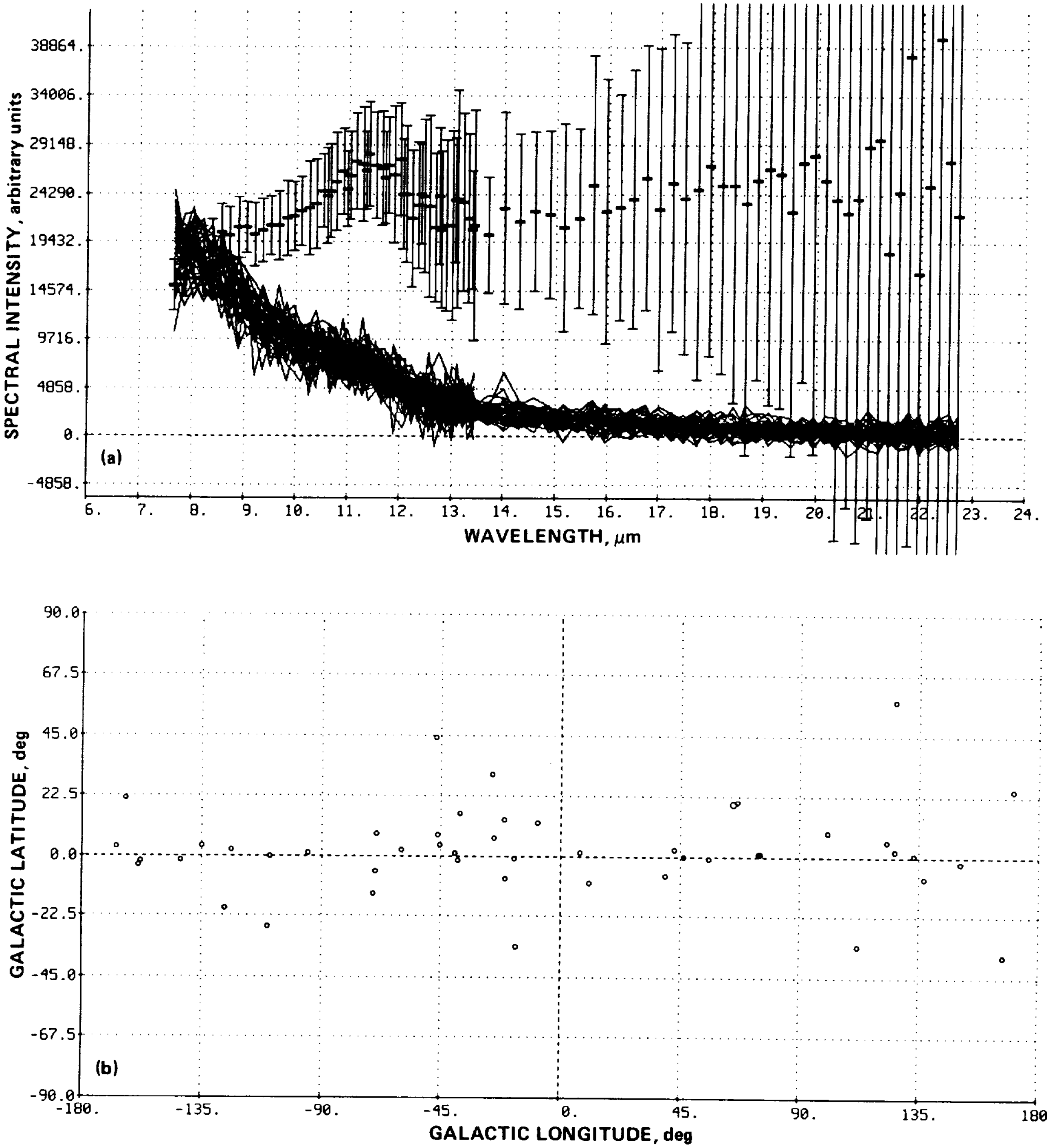


Figure 35.– Plots for Class 30/δ7. (a) Spectral; (b) galactic.

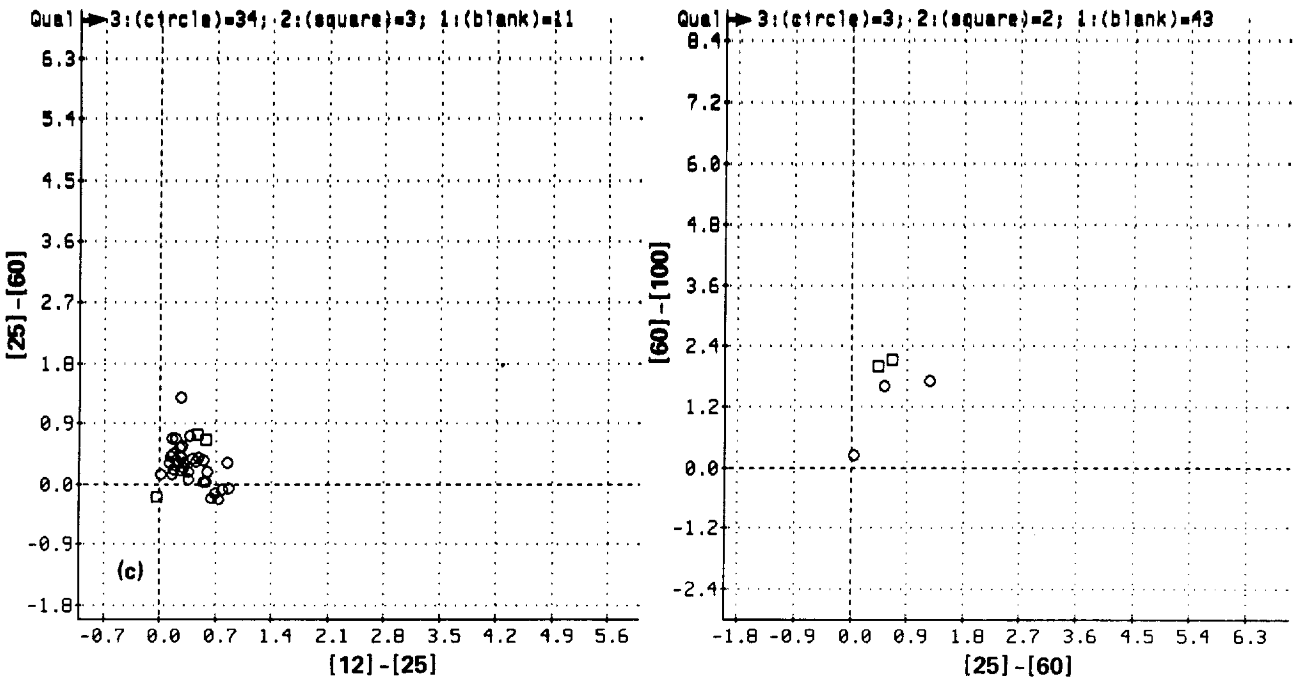


Figure 35.– Concluded. (c) Color-color.

Commentary for Class 30/δ7

Source count: 48; Source type: Carbon-rich; S/N: Noisy.

These sources have a weak 11.5 μm emission feature, and the colors are appropriate to carbon-rich stars. The LRS continuum suggests a temperature of around 2,000 K and the colors imply a temperature greater than 500 K. The galactic distribution is similar to the other carbon-rich classes, but it indicates that these sources may be closer than the other classes. For the assumed 200 pc scale height, an estimated mean distance of 1 kpc is found. Of the 34 stellar associations, 17 are with carbon-rich stars, although one source is associated with a *K5Ib* star. The 12 μm flux density ranges from 7.94 Jy to 92.44 Jy. Only 10% of the sources have VAR >= 90. If the mean distance is somewhat lower for this class than for the others in the α metaclass, then the 12 μm luminosity for this group is relatively low. These stars probably have low mass loss rates and shallow optical depth dust shells.

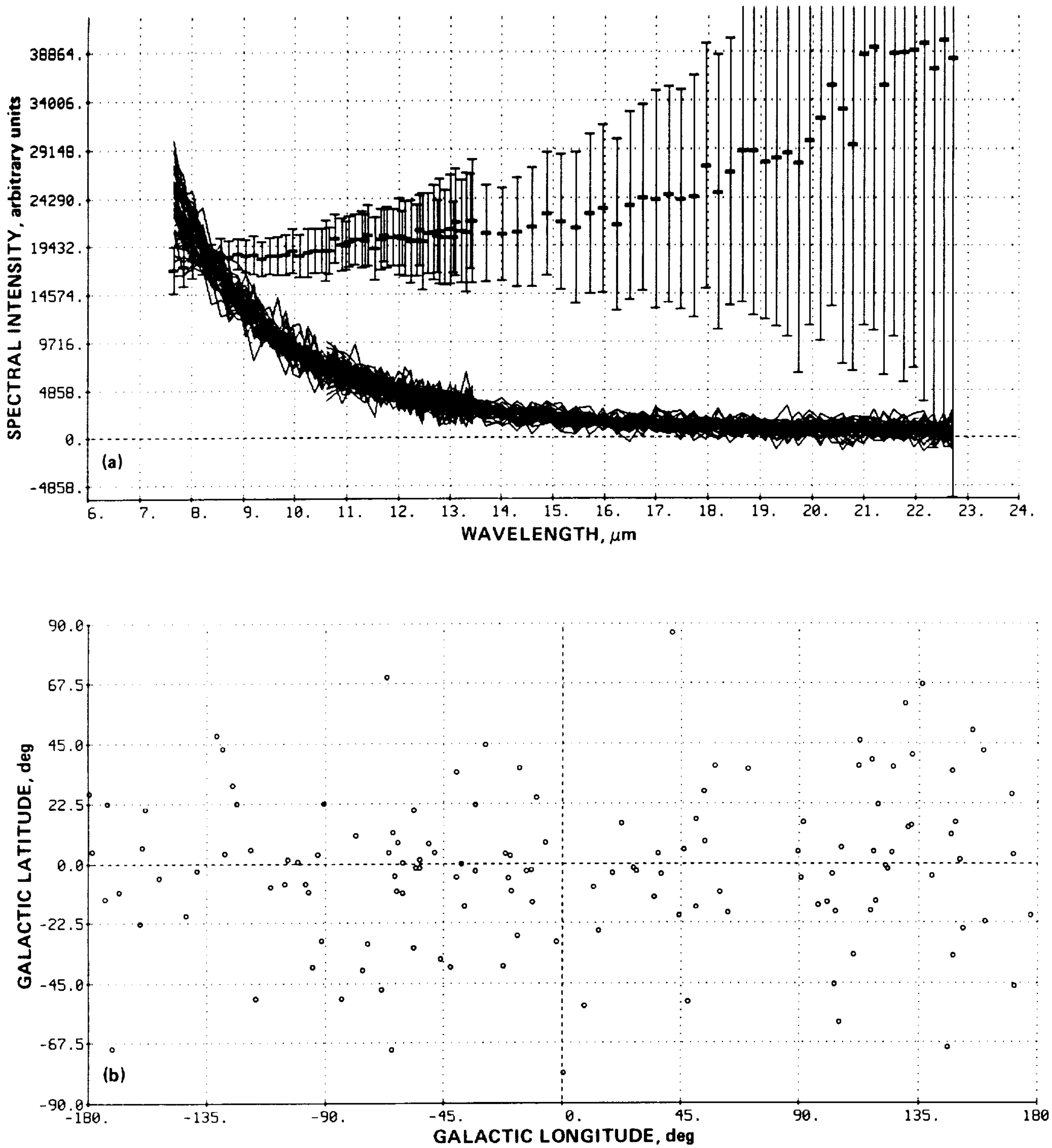


Figure 36.– Plots for Class 31/δ8. (a) Spectral; (b) galactic.

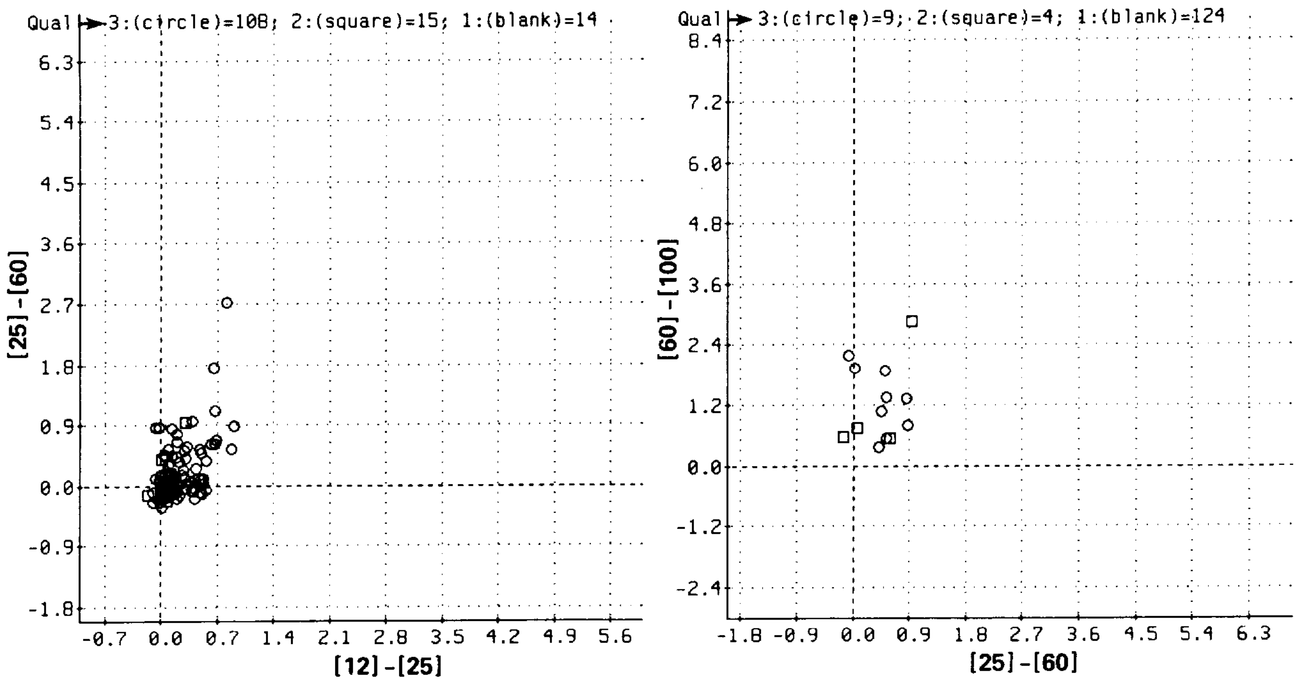


Figure 36.– Concluded. (c) Color-color.

Commentary for Class 31/δ8

Source count: 137; Source type: Featureless; S/N: Noisy.

These sources have noisy featureless spectra, but with excess flux at wavelengths beyond about 18 μm. This may be caused by a problem with the long wavelength baseline. The spectra are less noisy than classes 26/δ3, 27/δ4 and 29/δ6. The LRS continuum suggests a temperature of 2,000 K and the colors imply a temperature above 500 K. There is some scatter in the colors of this class. The sources are found at all galactic latitudes and longitudes. Assuming a scale height of 250 pc, the estimated mean distance for the class is 625 pc. Three sources in this class have no association. The available spectral types from the associations show that most sources are *M* giants. There are a few supergiants, including a few *K* supergiants. There are nine carbon stars in this class and a few early-type stars with shells or stellar winds. The 12 μm flux density ranges from 7.91 Jy to 52.76 Jy. Only one source has VAR >= 90, and 72% have VAR =< 20. Some of the carbon stars and some of the early-type stars are among the redder stars in the color-color diagram. The red excess suggests that they have very cool circumstellar dust around them, with a temperature below 150 K. M_{12} is estimated to be -8.0.

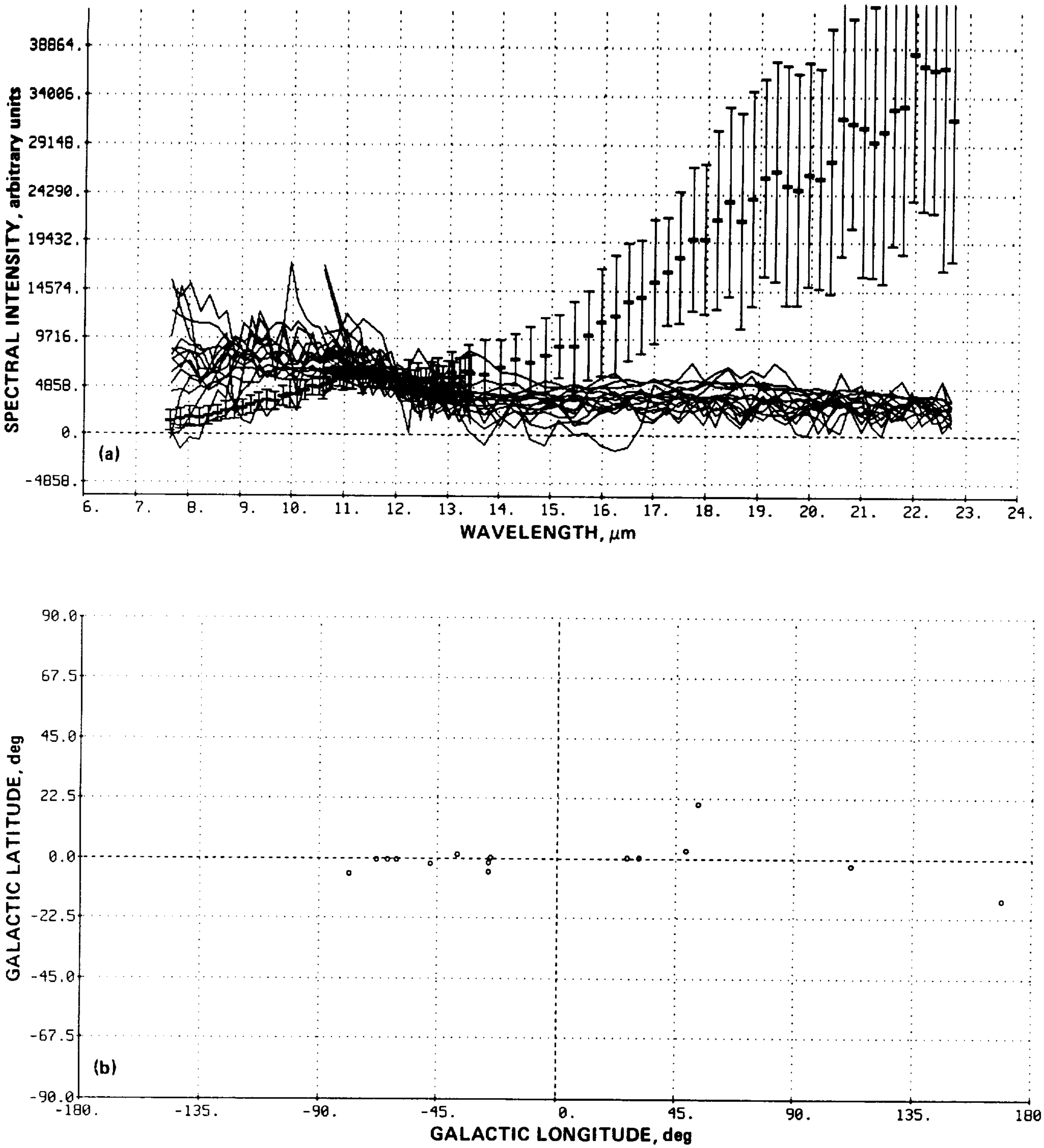


Figure 37.– Plots for Class 32/ε0. (a) Spectral; (b) galactic.

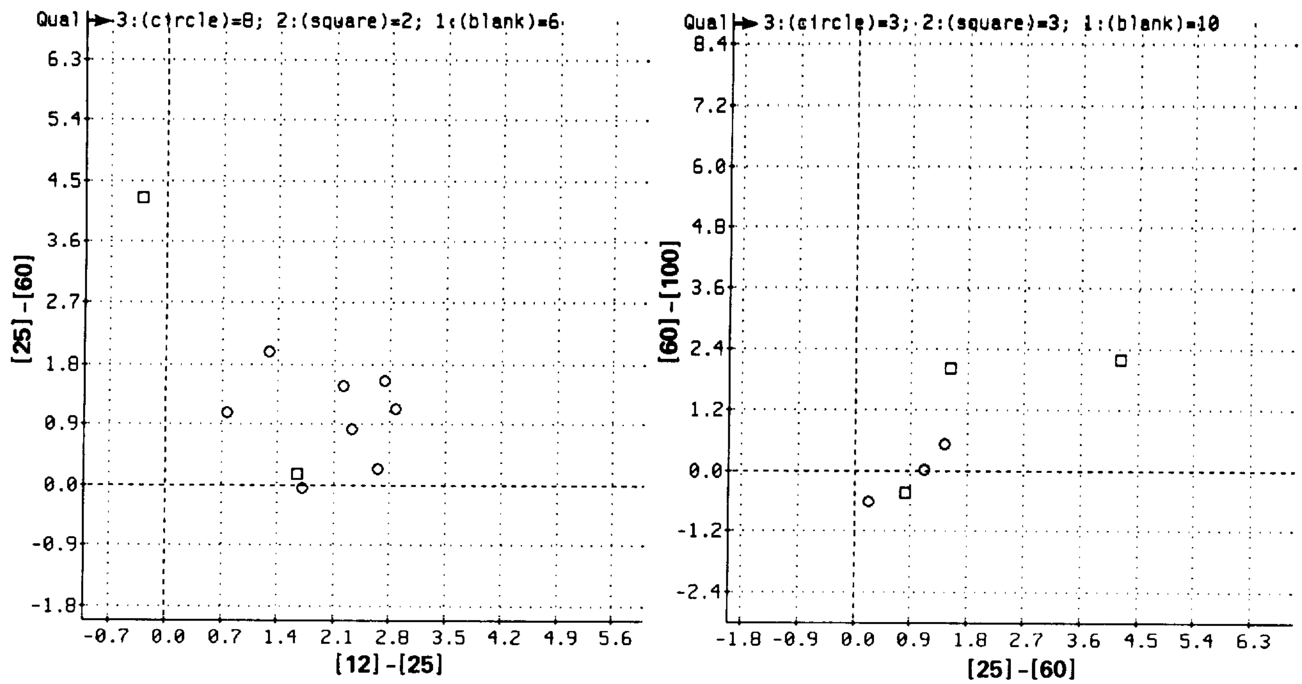


Figure 37.– Concluded. (c) Color-color.

Commentary for Class 32/ε0

Source count: 16; Source type: Not defined; S/N: Very Noisy.

These sources may show very weak features around 10 μm and 18 μm, with a very flat continuum, but the spectra are very noisy. The LRS continuum suggests a temperature of around 200 K, and the colors imply a temperature of more than 70 K, with a large scatter to higher temperatures. These sources are concentrated towards the galactic plane, and towards the inner galaxy. Six of the 16 sources have associations.

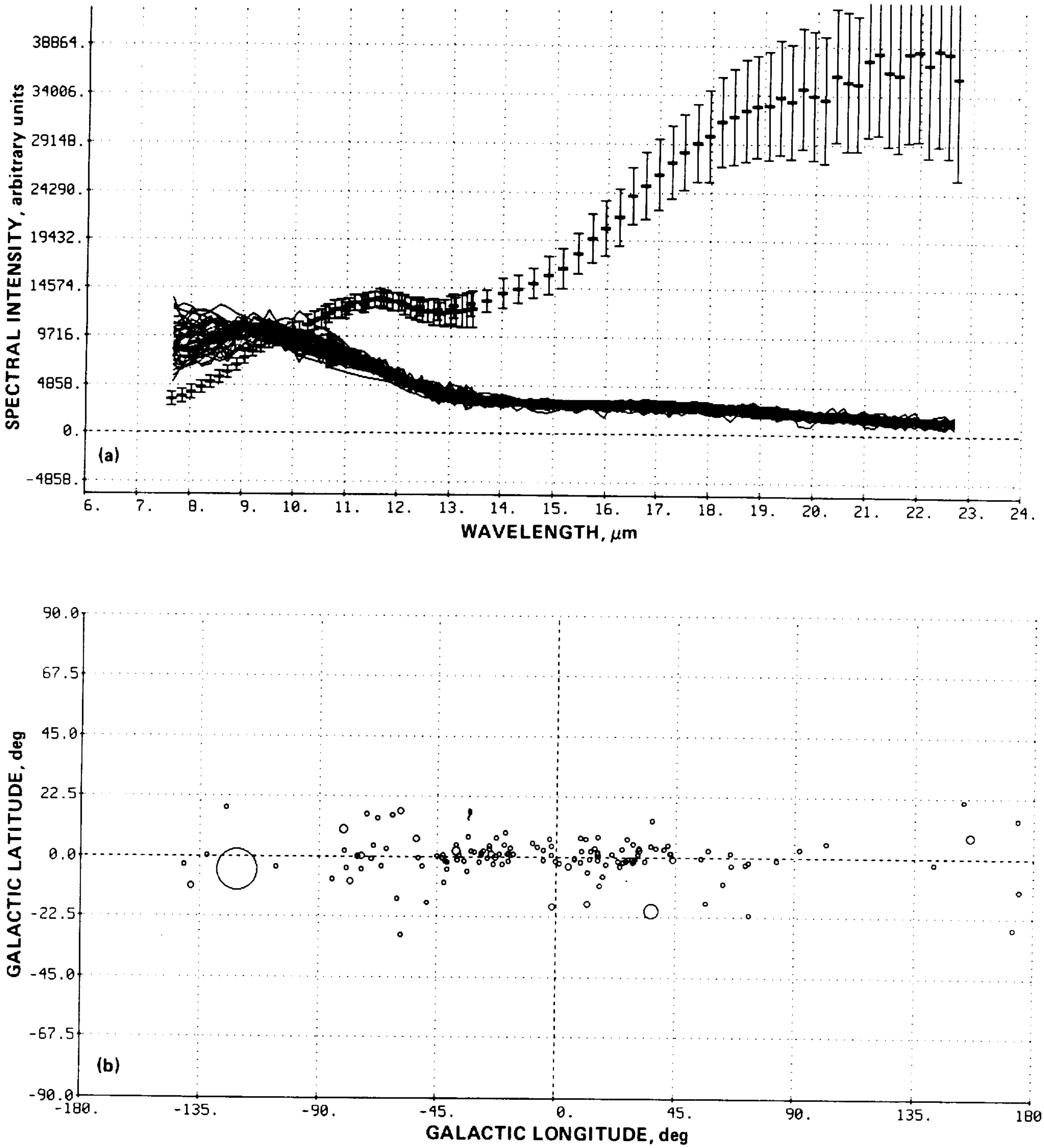


Figure 38.– Plots for Class 33/ε1. (a) Spectral; (b) galactic.

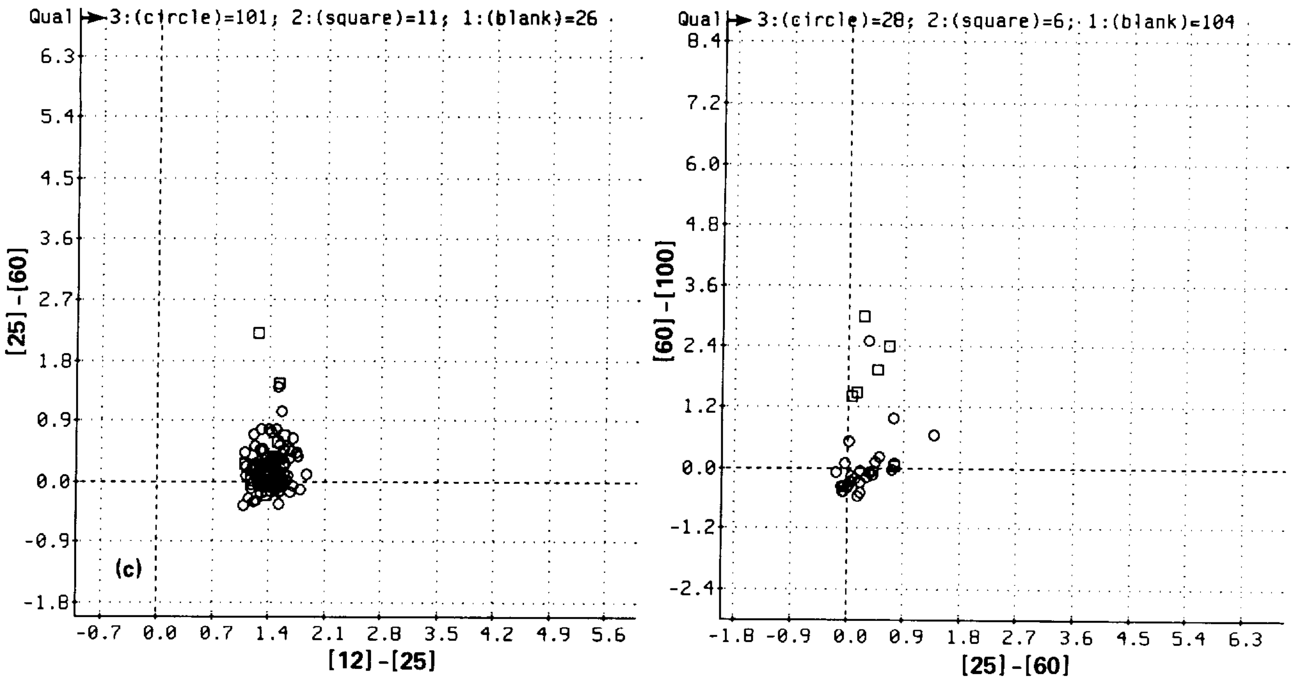


Figure 38.– Concluded. (c) Color-color.

Commentary for Class 33/ε1

Source count: 138; Source type: Oxygen-rich/emission; S/N: Very high.

These sources show weak emission features at 9.5 μm, 11.5 μm and 18 μm, and a very flat continuum. The LRS continuum suggests a temperature of 300 K and the colors imply a range of temperature from 500 K to 1,000 K. A few sources have anomalous colors. The sources are found at intermediate galactic latitudes, but they show a strong concentration towards the galactic center. About 75% of the sources have no associations, and a few of the sources are associated with supergiants. The 12 μm flux density ranges from 11.23 Jy to 9199 Jy. About 58% of the sources have VAR >= 90. These sources are probably stars with relatively thick dust shells for emission sources, and some may be supergiants.

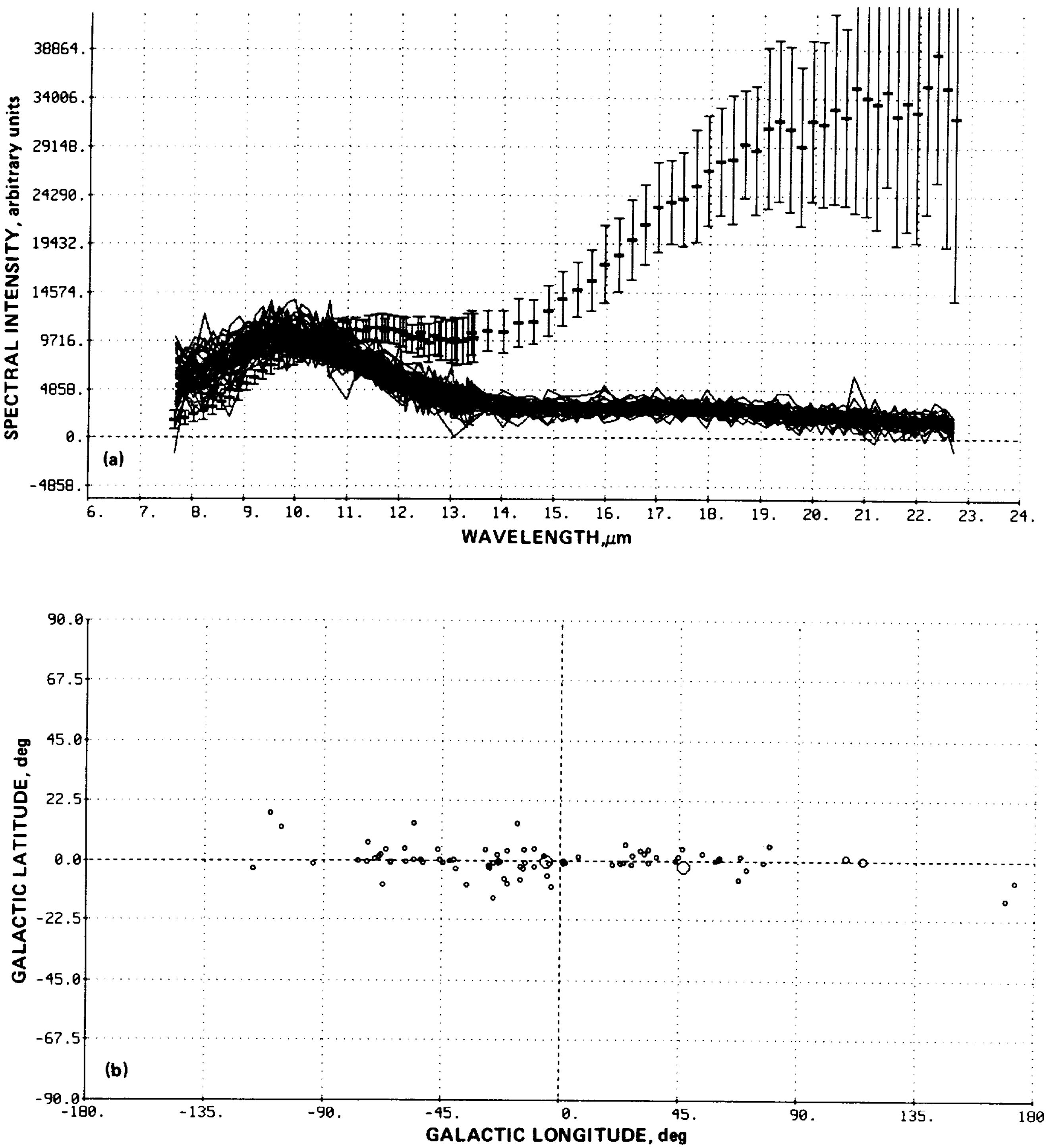


Figure 39.– Plots for Class 34/ε2. (a) Spectral; (b) galactic.

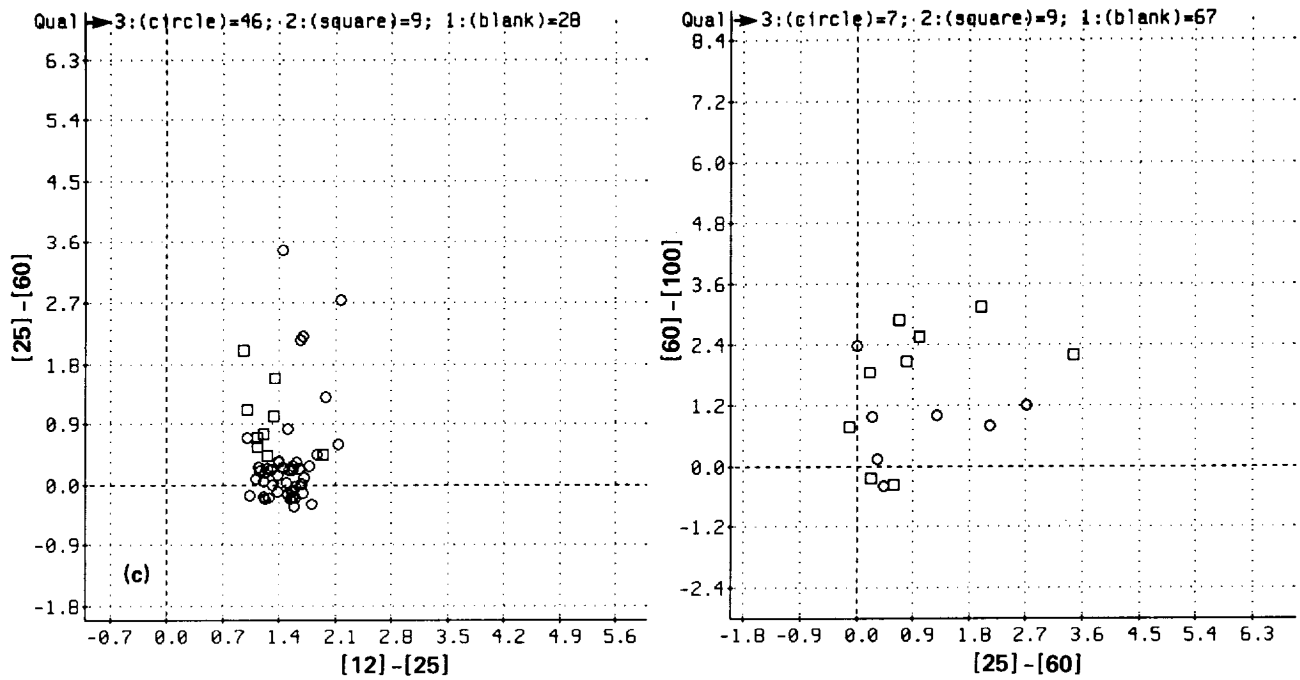


Figure 39.– Concluded. (c) Color-color.

Commentary for Class 34/ε2

Source count: 83; Source type: Oxygen-rich/emission; S/N: Noisy.

These sources have emission features at 10 μm and 18 μm. They have a stronger 10 μm feature than class 33/ε1, but it is weaker than that in class 13/β6. The LRS continuum suggests a temperature of 300 K, and the colors imply a range of 350 K to 500 K. The galactic distribution is concentrated towards the plane, and also more strongly concentrated towards the galactic center in longitude. If the sources have a scale height of 200 pc, the estimated mean distance is 3.25 kpc. About 85% of the sources have no associations, but a few sources are associated with *T Tauri* stars, globules, and one source is associated with a planetary nebula. The 12 μm flux density ranges from 6.58 Jy to 1343 Jy, with 5 sources having a flux density greater than 100 Jy. Excluding these brighter sources, the mean flux density is less than 20 Jy. Around 40% have VAR >= 90, and about 20% have VAR =< 20. It appears that a small number of the brighter sources are evolved stars and the majority are faint sources associated with star formation regions.

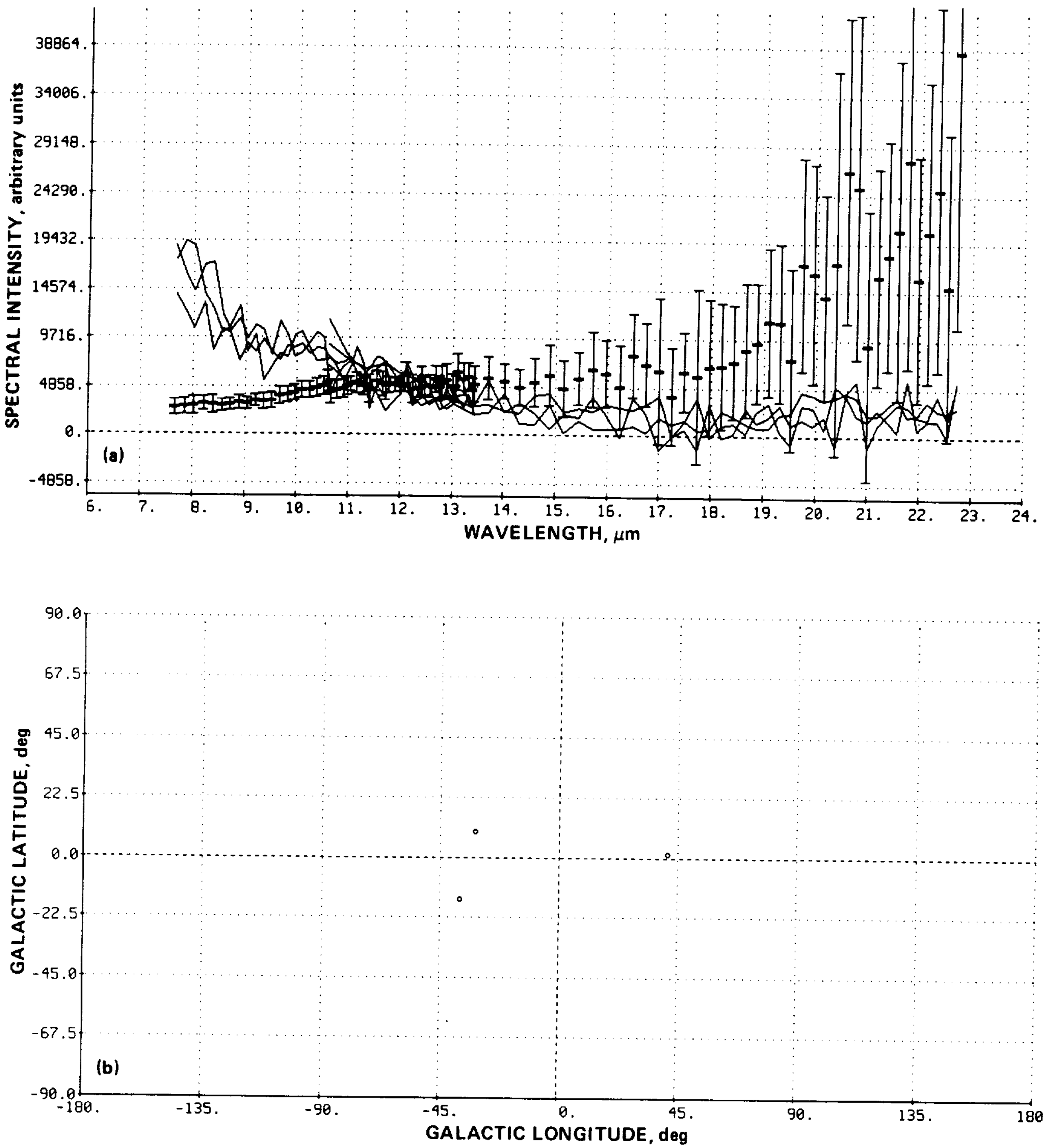


Figure 40.– Plots for Class 35/ε3. (a) Spectral; (b) galactic.

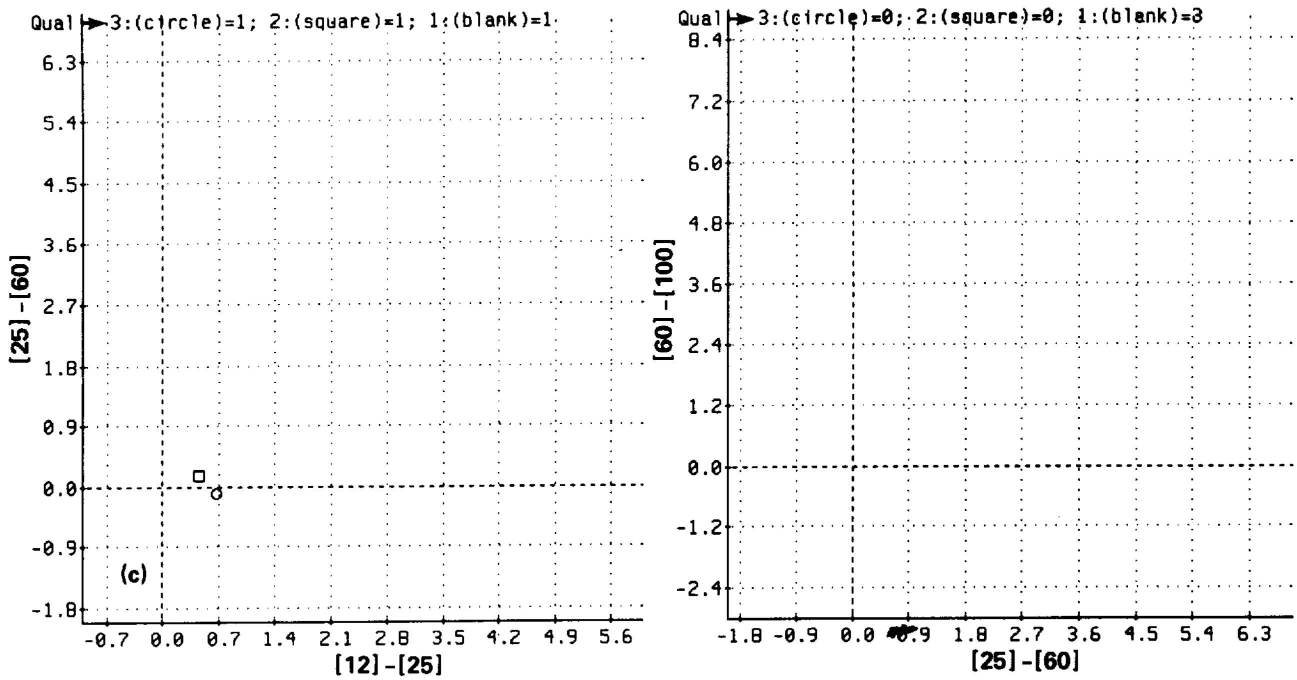


Figure 40.– Concluded. (c) Color-color.

Commentary for Class 35/ε3

Source count: 3; Source type: Not defined; S/N: Very noisy.

No comments.

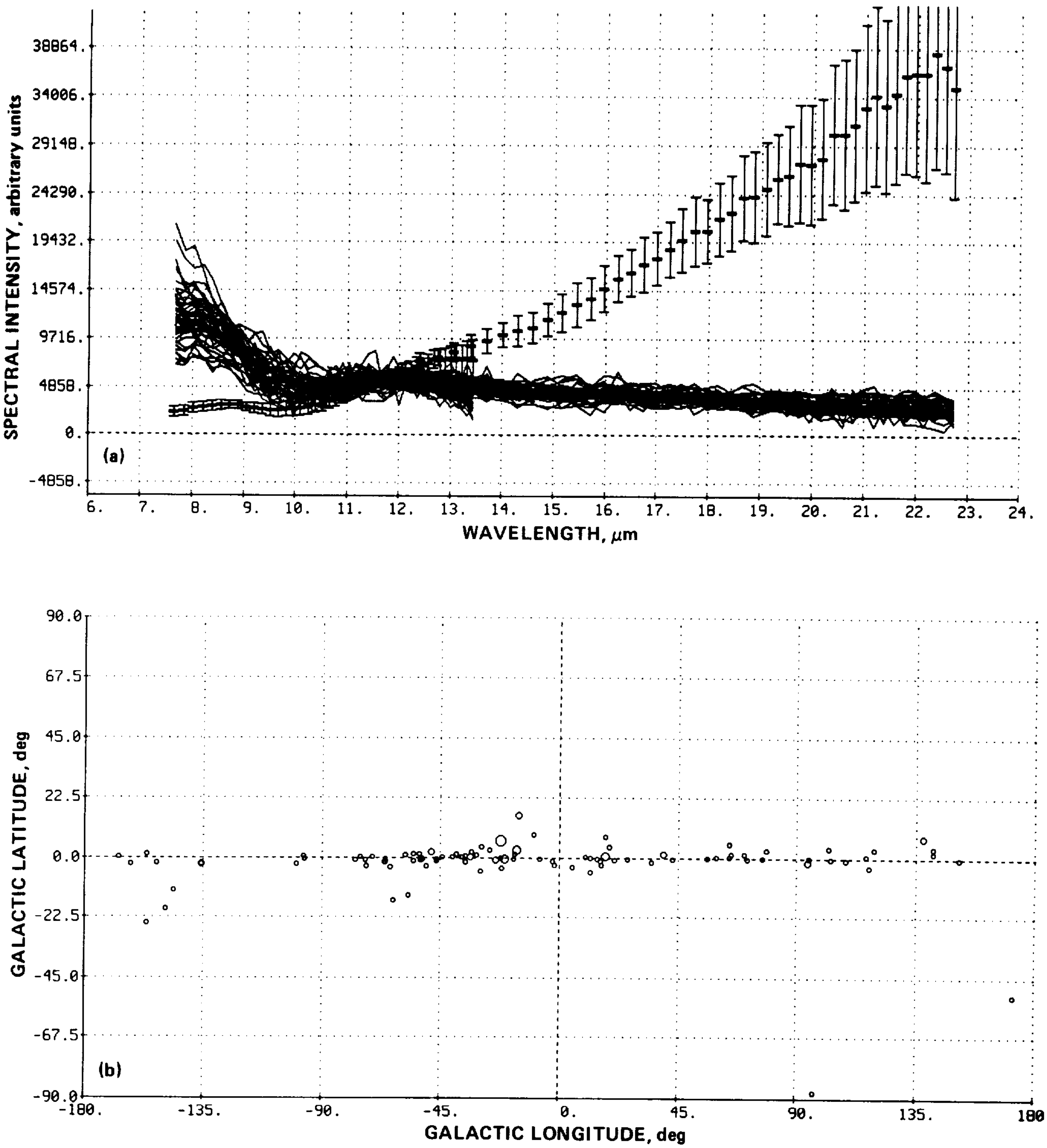


Figure 41.– Plots for Class 36/ζ0. (a) Spectral; (b) galactic.

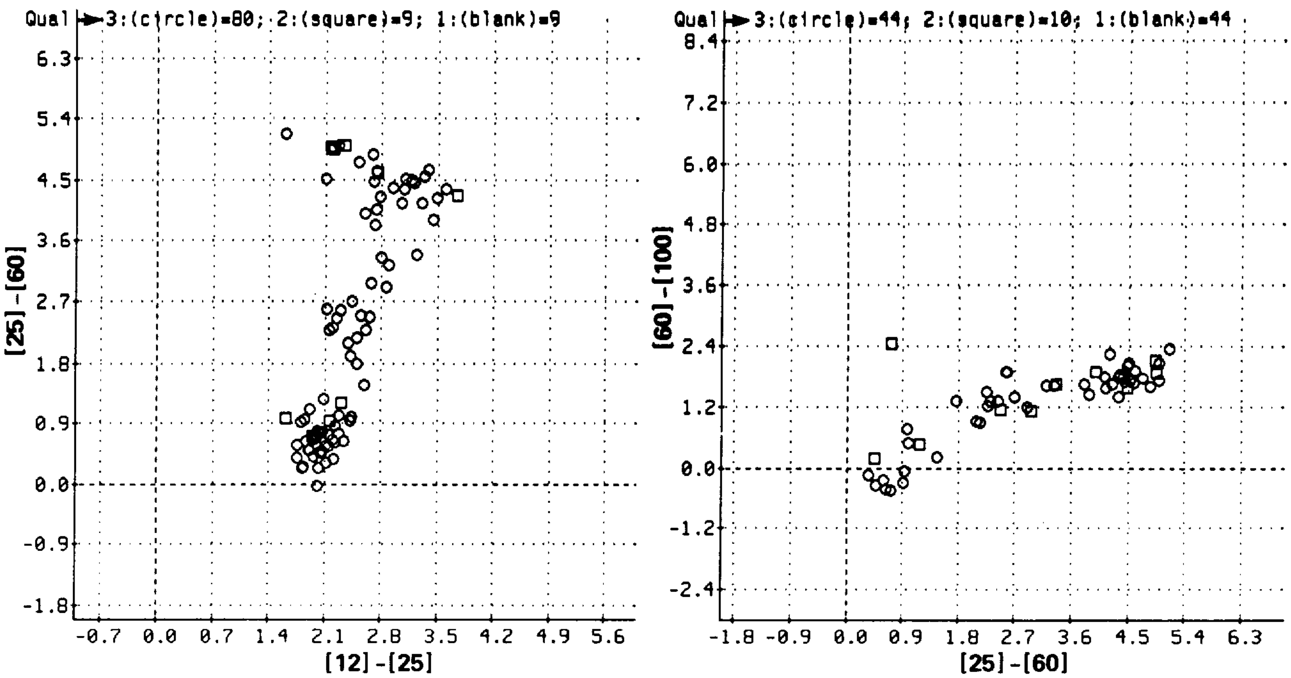
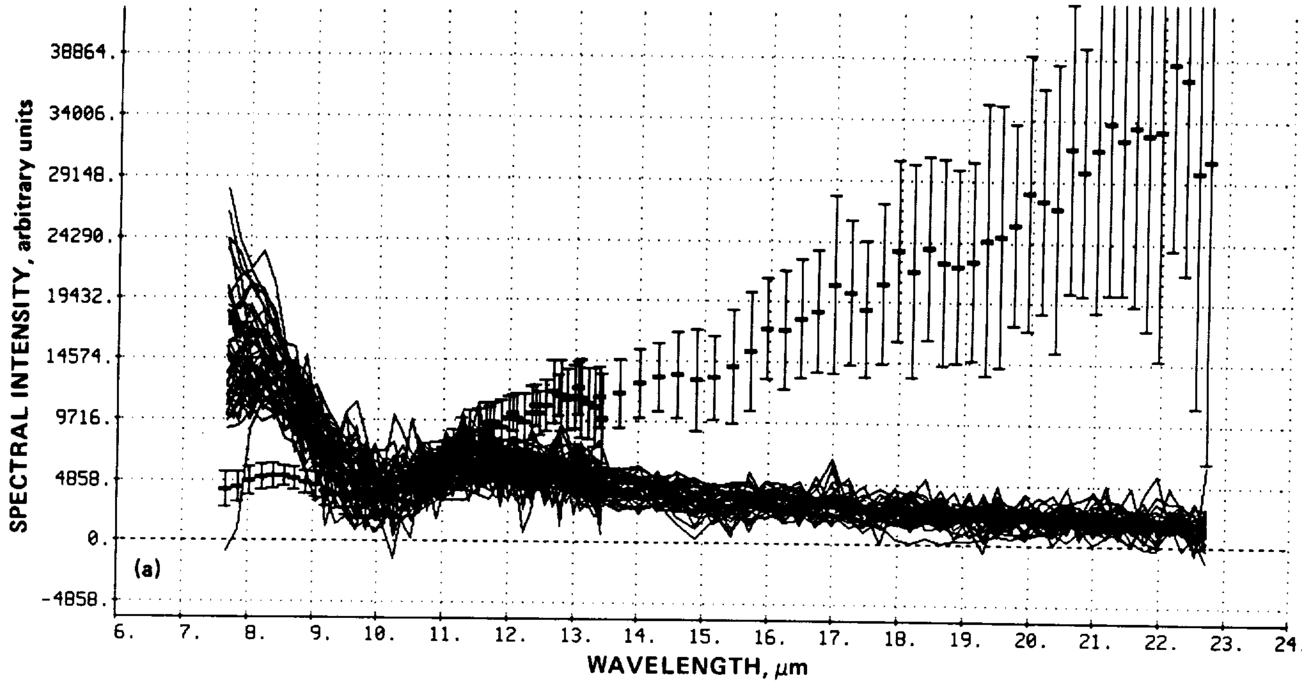


Figure 41.– Concluded. (c) Color-color.

Commentary for Class 36/ζ0

Source count: 98; Source type: Oxygen-rich/absorption; S/N: Noisy.

These sources have moderate strength absorption at 10 μm and also absorption at 18 μm, when compared to the blackbody curve. There is some dispersion in the spectra at wavelengths bluer than 10 μm. The LRS continuum suggests a temperature of 300 K, and the colors imply a temperature greater than 60 K. The sources are found close to the galactic plane (except for 2 galaxies) and at all longitudes. About 65% of the sources have no associations, but a number of these sources are known *OH/IR* stars. Some of the sources have an association only with the RAFGL catalog (catalog number 3). The two largest groups of associations are to diffuse nebulae and to faint stars which are emission-line stars or *Orion* variables. The 12 μm flux density ranges from from 2.48 Jy to 609.8 Jy. About 30% of the sources have VAR >= 90, and around 40% have VAR =< 20. There are three different types of source in this group. The most numerous are the *AGB* stars with high mass-loss rates and circumstellar shells thick enough to produce an absorption feature. The optical dust depth at 9.7 μm ranges from 8 to 12. These sources have the smallest [25]-[60]. At higher [25]-[60], there are the *Orion* variables and emission-line stars. The *HII* region sources have the largest [25]-[60] values. The M_{12} is estimated to be -13 for these sources.



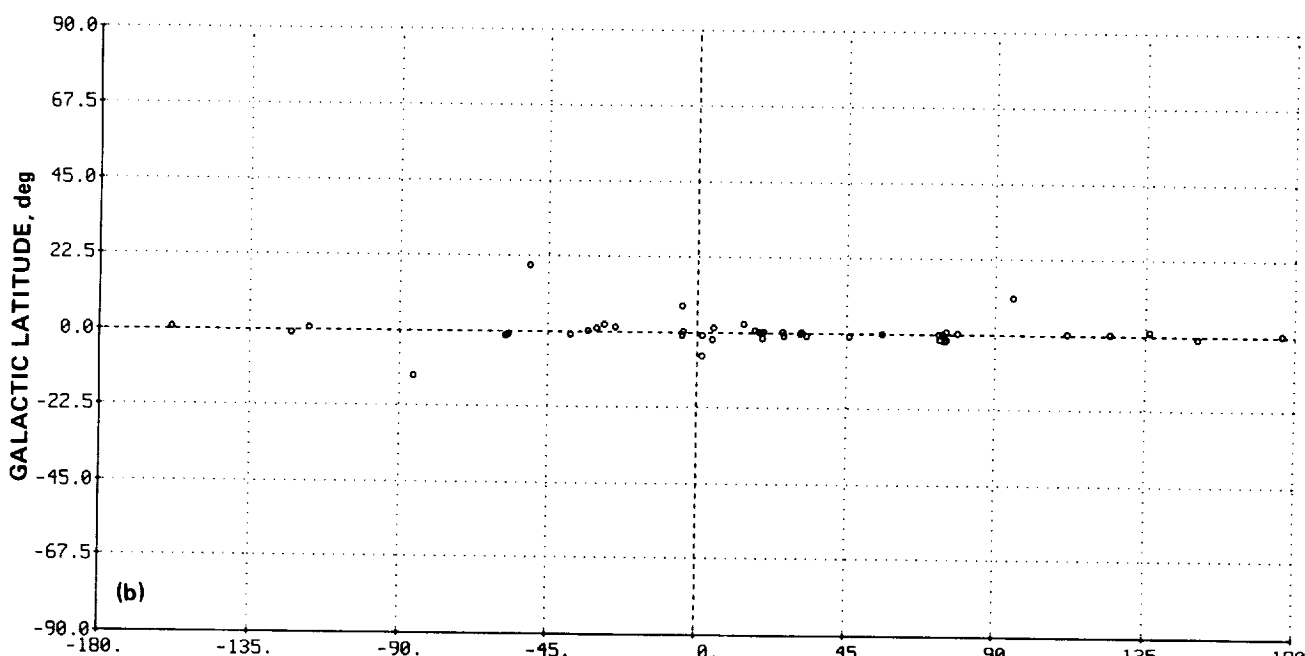


Figure 42.– Plots for Class 37/ζ1. (a) Spectral; (b) galactic.

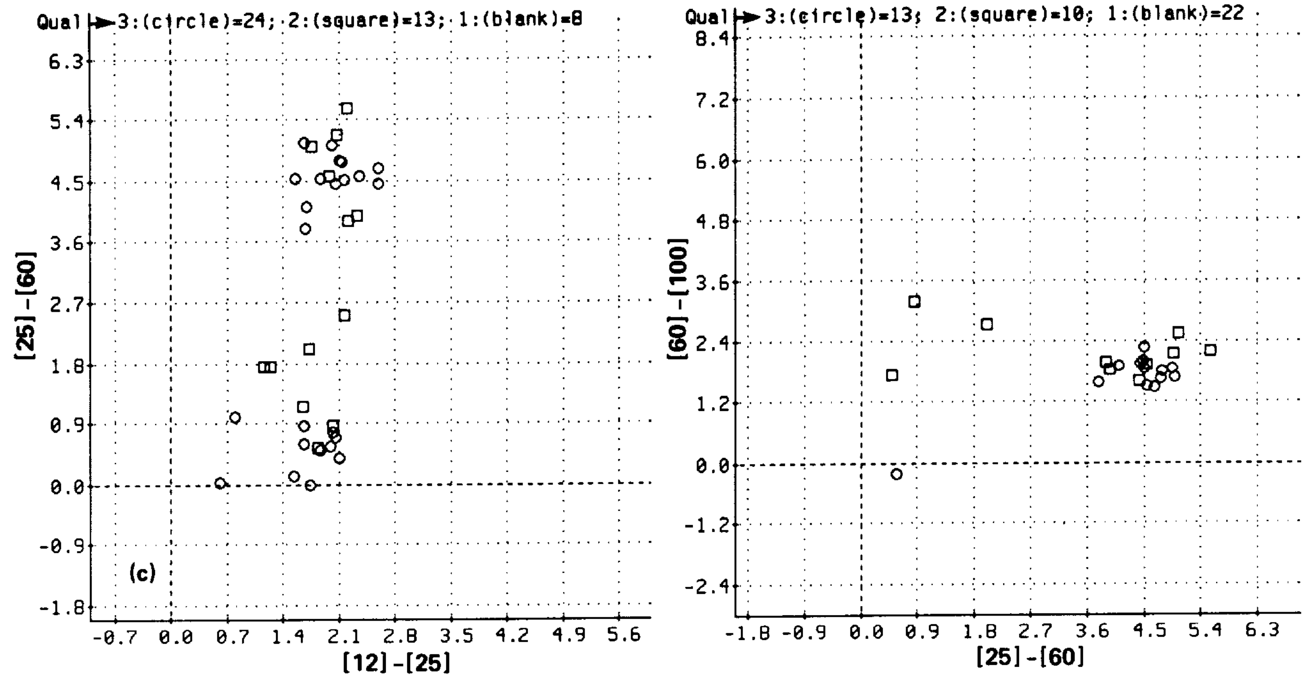


Figure 42.– Concluded. (c) Color-color.

Commentary for Class 37/ζ1

Source count: 45; Source type: Oxygen-rich/absorption; S/N: Noisy.

These sources have a strong 10 μm absorption feature, and a weak absorption at 18 μm, when the difference with respect to the blackbody curve is examined. The colors show that there are two types of source present. The LRS continuum suggests a temperature of 400 K, and the colors imply a range in temperatures from 60 K to 80 K and around 300 K. The sources are confined to the galactic plane, and are found at all longitudes. Most of the sources have no association. Most of the sources with associations are for *HII* regions or reflection nebulae, but one source is associated with a galaxy and one source is associated with an *M3* semi-regular variable. The 12 μm flux density ranges from 2.95 Jy to 40.05 Jy. About 40% of the sources have VAR >= 90, and 30% have VAR =< 20. In addition to *HII* regions and reflection nebulae, this class possibly contains a few star formation regions.

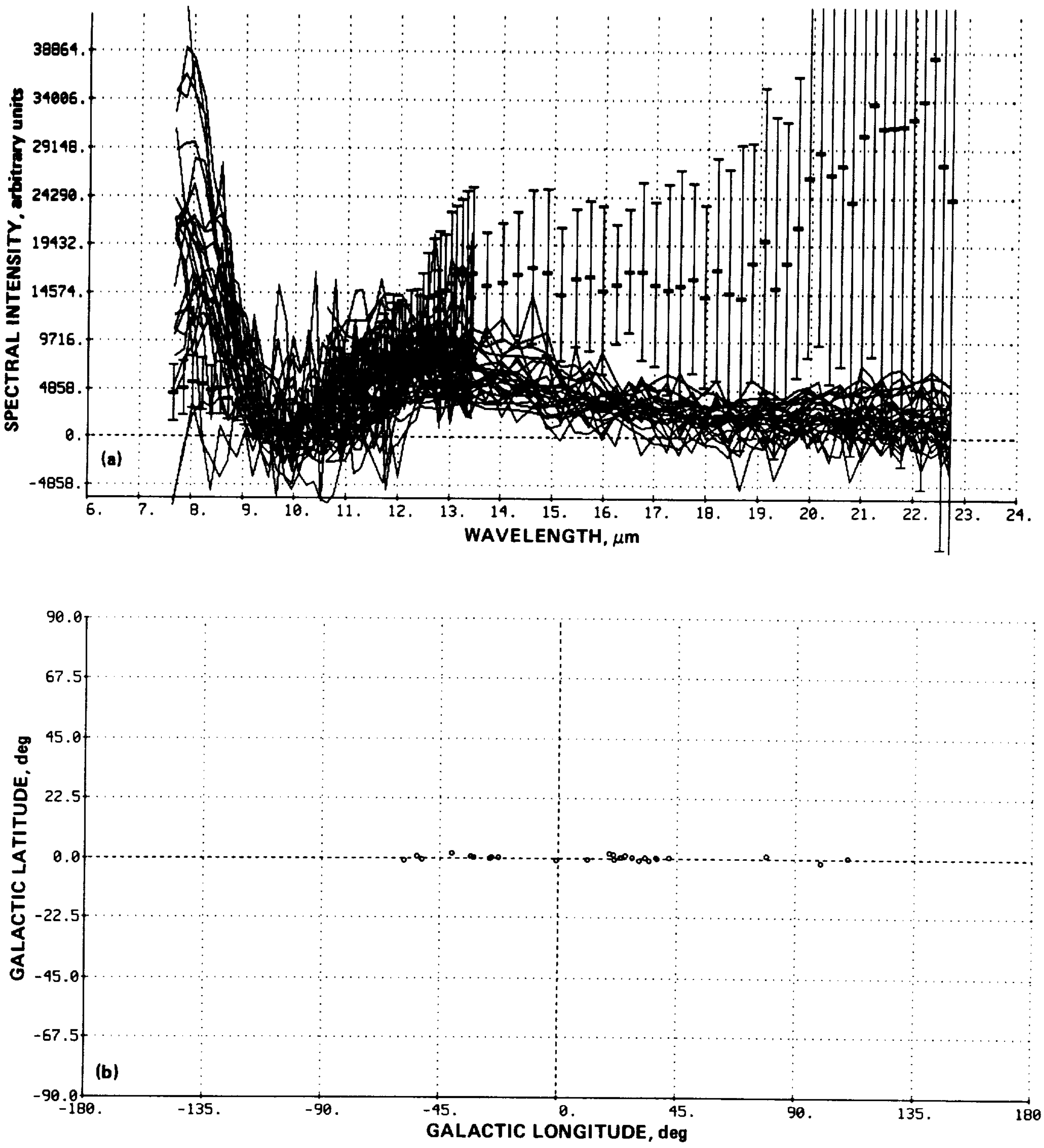


Figure 43.– Plots for Class 38/ζ2. (a) Spectral; (b) galactic.

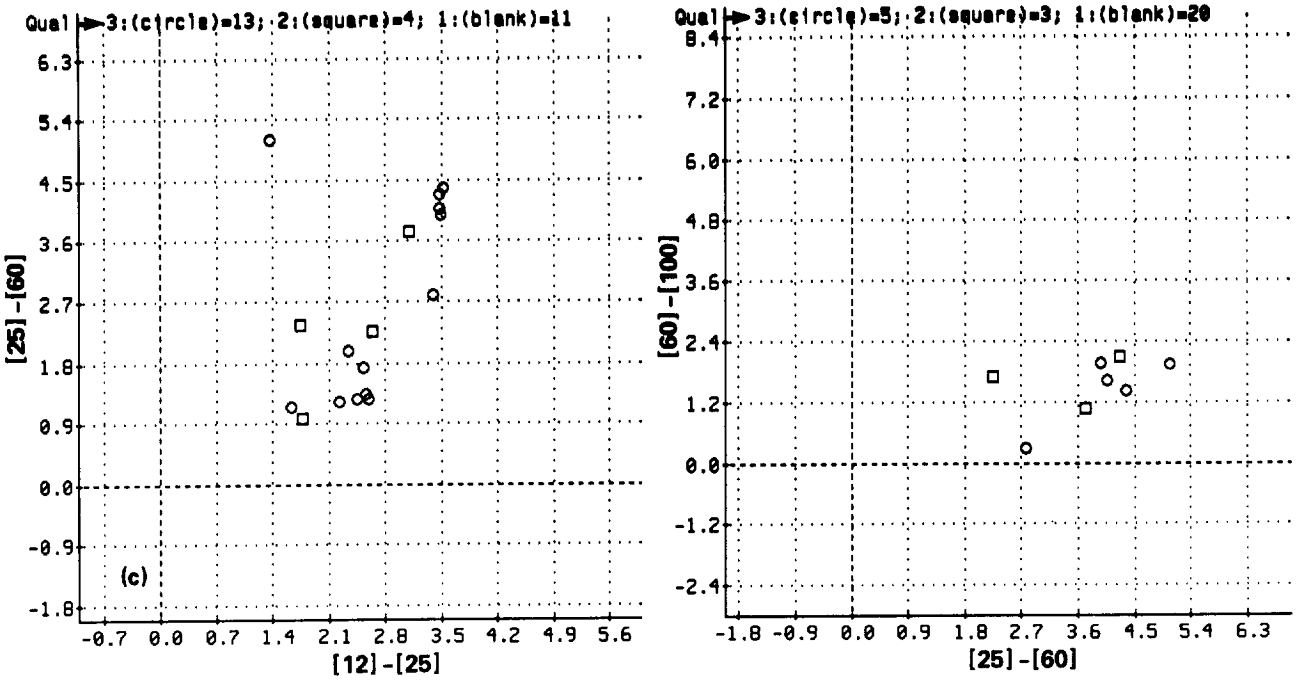


Figure 43.– Concluded. (c) Color-color.

Commentary for Class 38/ζ2

Source count: 28; Source type: Oxygen-rich/absorption; S/N: Very noisy.

These sources show strong 10 μm absorption features. The LRS continuum shows they are cold sources and the colors imply a temperature range from 70 K to 100 K. They are very closely confined to the galactic plane (having a mean galactic latitude less than 1^{o}), and confined to the inner galaxy. If a scale height of 100 pc is assumed, then the estimated mean distance of these sources is 8.7 kpc. Consequently this small class of sources appear to be the most distant in the LRS Atlas. About 75% of the sources have no associations. Where the sources are associated, it is usually to Bonn (catalog number 21) or Parkes (catalog number 20) *HII* region surveys. One source is associated with an *SAO* star. The 12 μm flux density ranges from 2.28 Jy to 44.28 Jy. About 40% of the sources have VAR >= 90, and about 20% VAR =< 20. Where available, the colors suggest that these sources are *HII* regions or star formation sources, but a good fraction of the sources have colors similar to the *AGB* stars in class 36/ζ0. The 12 μm flux density values are very low for *AGB* stars with high mass-loss rates. These sources may be massive stars sited in molecular clouds rather than extreme *AGB* stars. The sources are estimated to have M_{12} = -14.

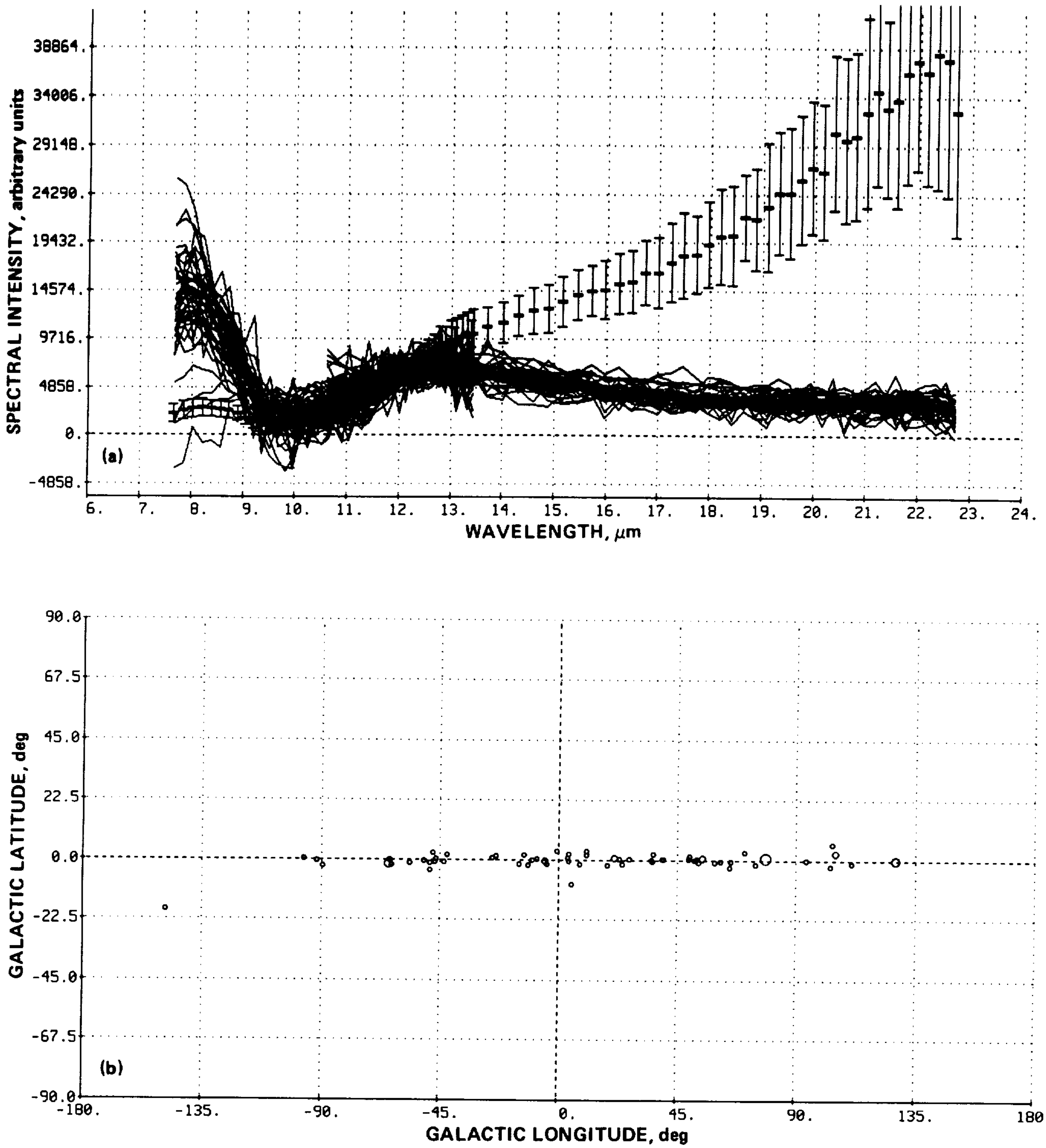


Figure 44.– Plots for Class 39/ζ3. (a) Spectral; (b) galactic.

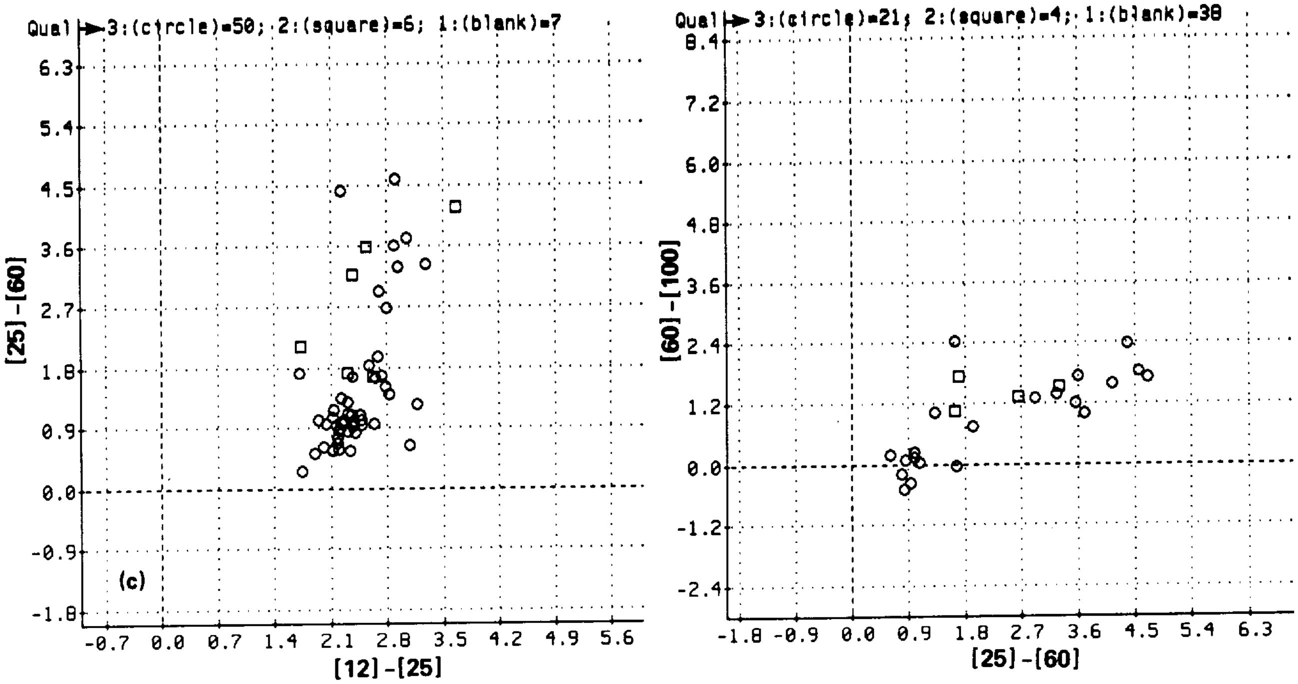


Figure 44.– Concluded. (c) Color-color.

Commentary for Class 39/ζ3

Source count: 63; Source type: Oxygen-rich/absorption; S/N: High.

These sources show a strong 10 μm absorption feature and an absorption feature at 18 μm. A small number of sources in this class do not show absorption features, only unusually flat continua. The LRS continuum suggests a temperature of 300 K, and the colors imply a range of temperature from 70 K to 300 K. The galactic distribution is very closely confined to the plane and to the inner galaxy. Assuming a scale height of 100 pc, the estimated mean distance of these sources is 3.3 kpc. About 81% of the sources have no associations, and a further 7 sources are associated only with objects in the RAFGL catalog (catalog number 3). Four sources are associated with Bonn (catalog number 21) or Parkes (catalog number 20) *HII* region sources, one source is associated with an *SAO* star, and one source is associated with a galaxy. The 12 μm flux density ranges from 1.92 Jy to 438.9 Jy. About half the sources have VAR >= 90. The color-color diagrams show that some of the sources are *HII* region sources, and there may be a few star formation sources. Most of the sources have properties which show them to be extreme *AGB* stars, and many of them are *OH maser* sources. The range in 12 μm flux density shows that this class of sources must have a wide range of luminosities, with an estimated mean M_{12} of -13.

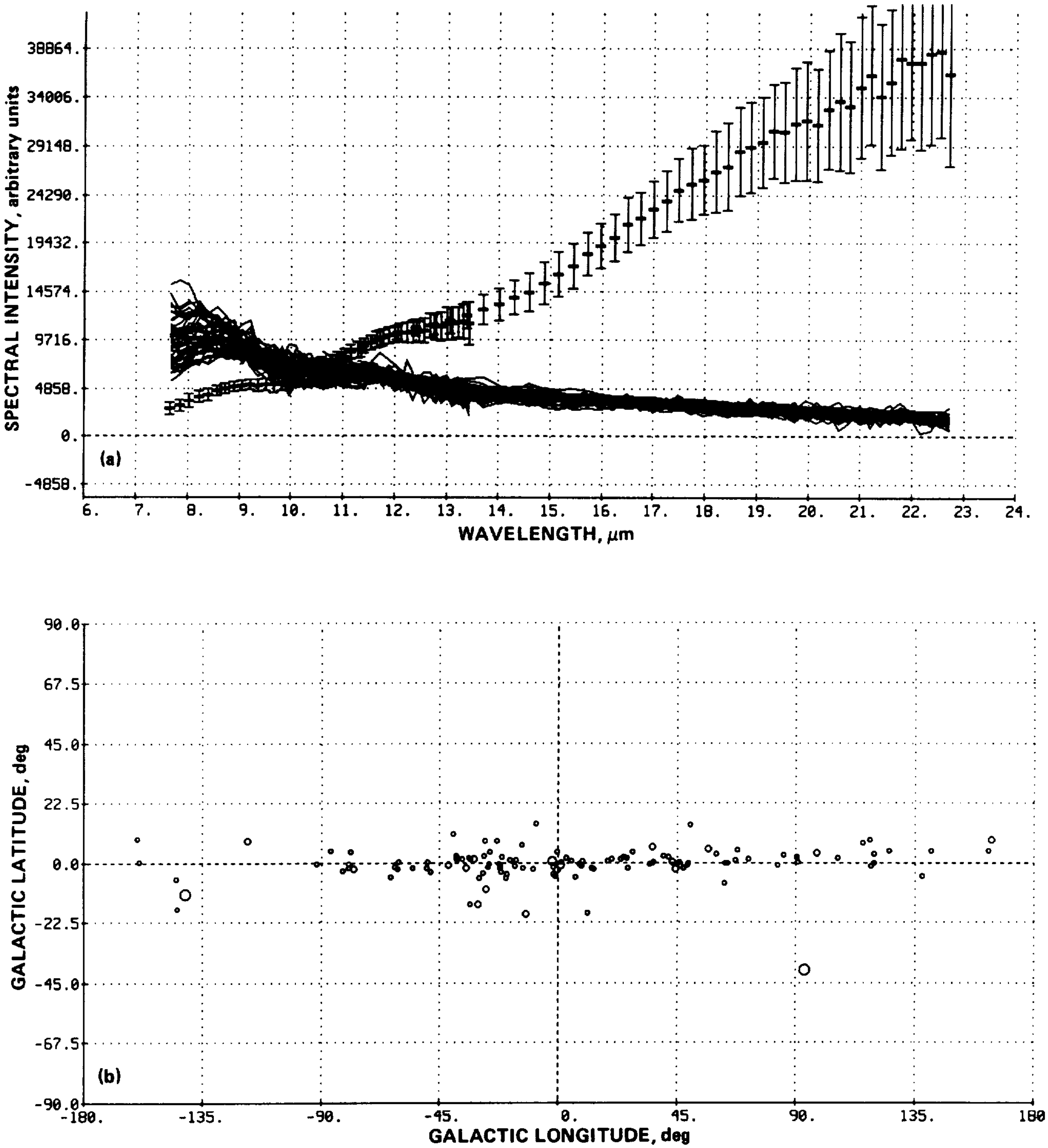


Figure 45.– Plots for Class 40/ζ4. (a) Spectral; (b) galactic.

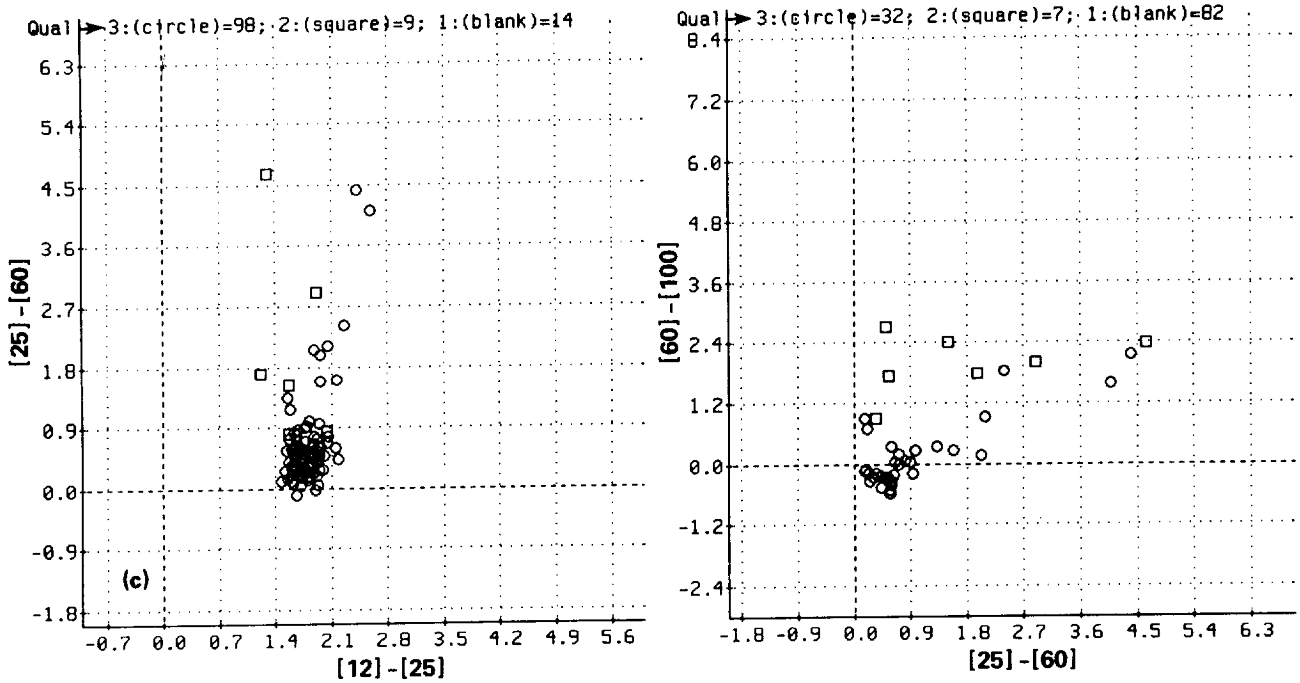


Figure 45.– Concluded. (c) Color-color.

Commentary for Class 40/ζ4

Source count: 121; Source type: Oxygen-rich/absorption*; S/N: High.

These sources have a feature around 10 μm or 11 μm which is caused either by silicon carbide emission, by a weak self-absorption in the 10 μm silicate emission feature, or possibly by weak *PAH* emission. Although there is some dispersion at shorter wavelengths, this class is more uniform than the other ζ meta classes. The LRS continuum suggests a temperature of 300 K and the colors imply a temperature of around 300 K. The sources are confined to the galactic plane, and they are found at all galactic longitudes but they are more concentrated towards the inner galaxy. If a scale height of 200 pc is assumed, the estimated mean distance is about 3 kpc. About 75% of the sources have no associations. Where associations are available they are to dark clouds (for sources with large [25]-[60]), and in a few cases to stars. The source at high galactic latitude is associated with a *F2pIb - K4e* star. The 12 μm flux density ranges from 3.80 Jy to 706.7 Jy. About 60% of the sources have VAR >= 90. Most of these sources are *AGB* stars with dust shell optical depths of 5 to 10 at 9.7 μm. There are a small number of *HII* region sources and star formation sources. These sources are about as bright as the class 36/ζ0 sources, although the class 36/ζ0 sources should be brighter due to their thicker dust shells. M_{12} is estimated to be -13.

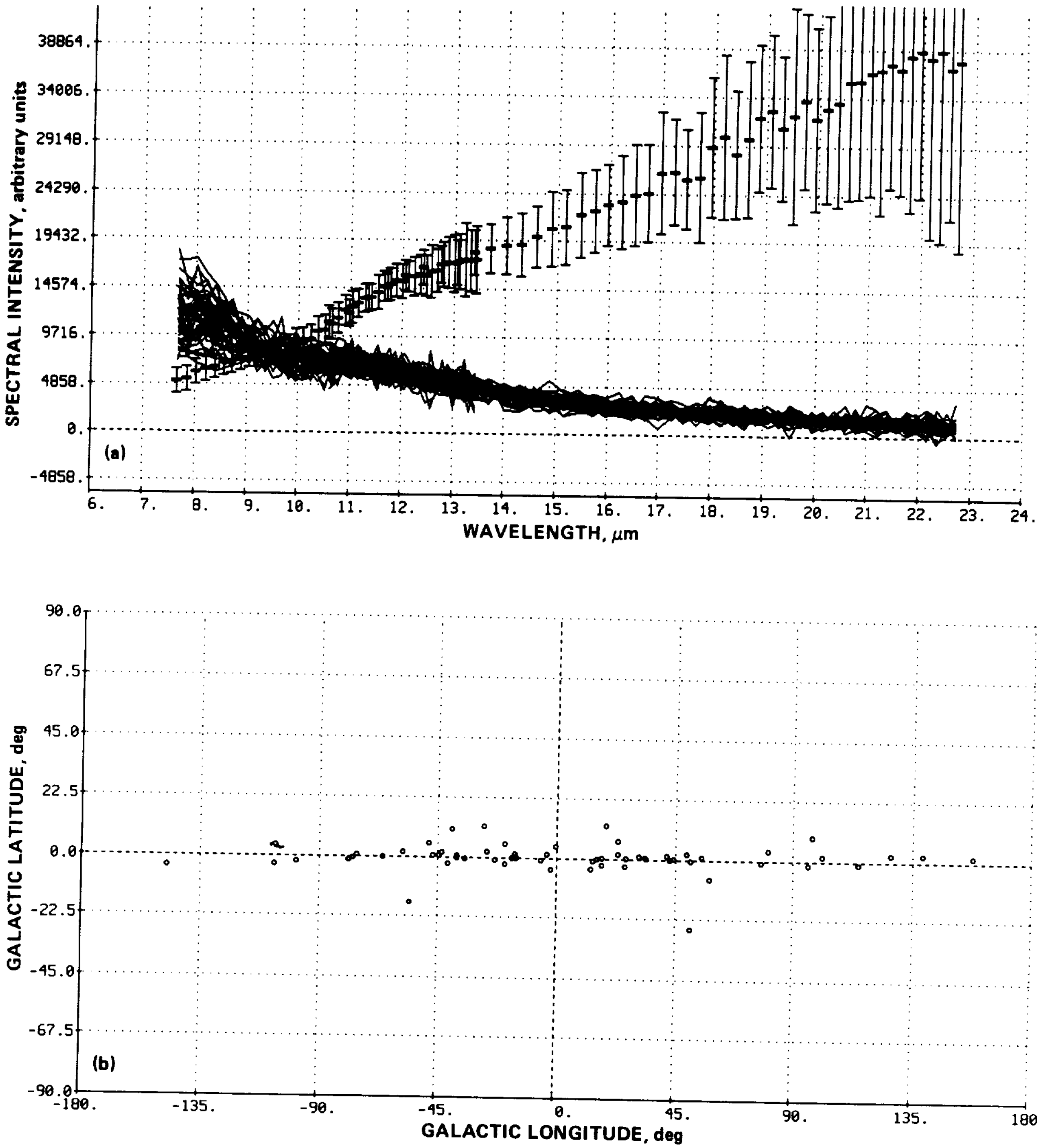


Figure 46.– Plots for Class 41/η0. (a) Spectral; (b) galactic.

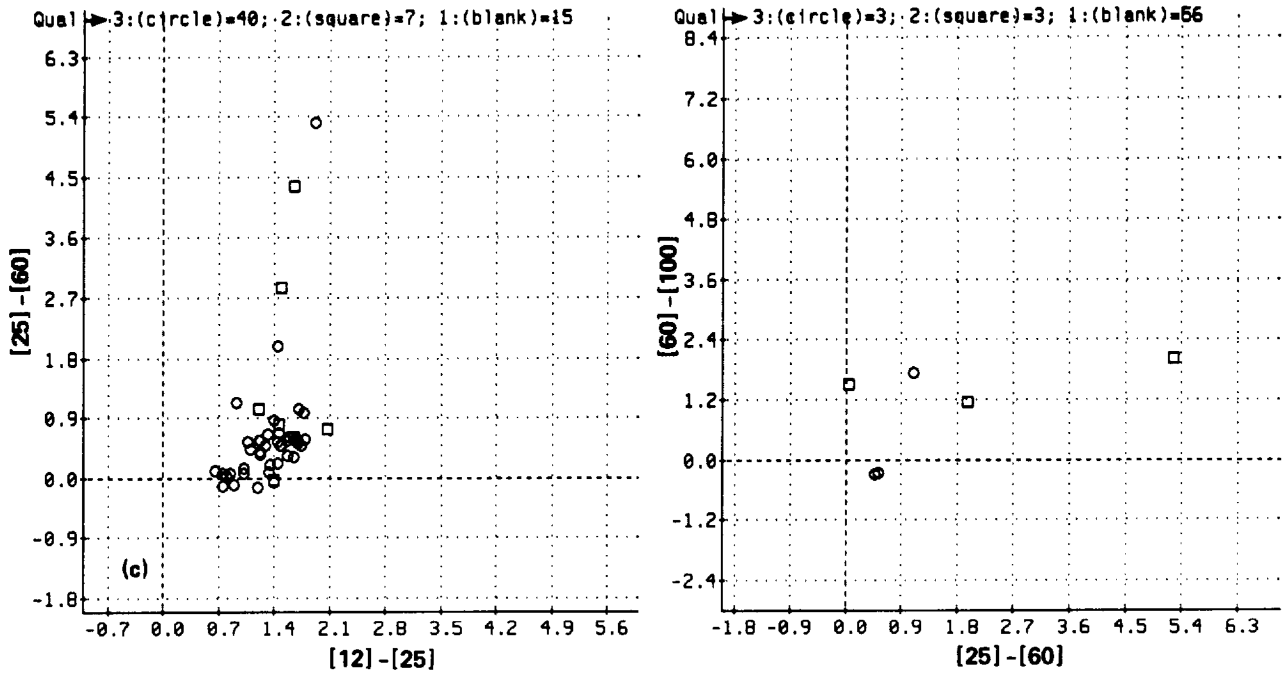
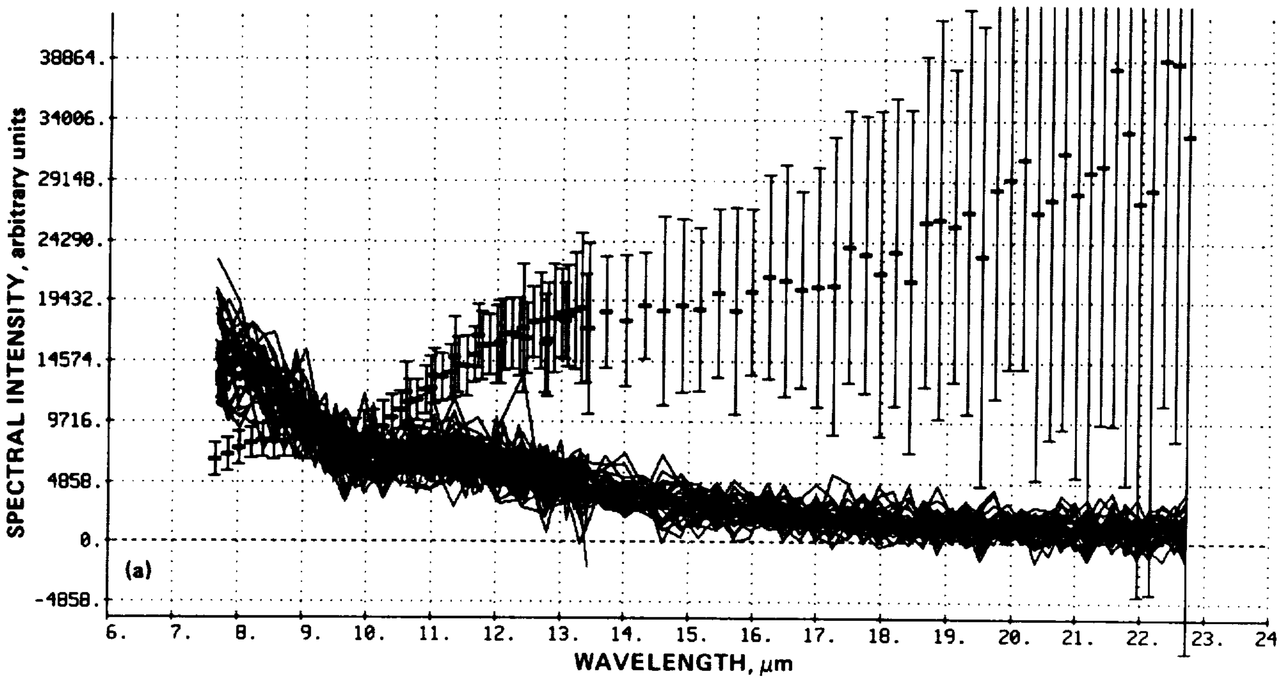


Figure 46.– Concluded. (c) Color-color.

Commentary for Class 41/η0

Source count: 62; Source type: Oxygen-rich/absorption; S/N: High.

These sources show weak 10 μm and 18 μm absorption features. The LRS continuum suggests a temperature of 400 K and the colors imply a range of 300 K to 800 K. Some of the sources have large color values. The sources are confined to the galactic plane, and although they are found at all galactic longitudes, they have a slight concentration towards the inner galaxy. Only about 25% of the sources have any associations. Two sources are associated with stars and one source is associated with a planetary nebula. The 12 μm flux density ranges from 9.20 Jy to 122.0 Jy. About 40% of the sources have VAR >= 90, and about 30% have VAR =< 20. This class is obviously not homogeneous. A few of the sources are *HII* region or reflection nebula sources, but the small number of sources with good 100 μm flux densities show that these are the minority. Possibly some of these sources are 10 μm emission sources reddened by interstellar dust to produce the weak 10 μm absorption. If so, the original spectrum must have been similar to the class 68/λ24 sources, since reddening displaces sources in [25]-[60] as well as [12]-[25], and cannot produce such a flat continuum from a high temperature blackbody source. Thus the nature of this class is not clear.



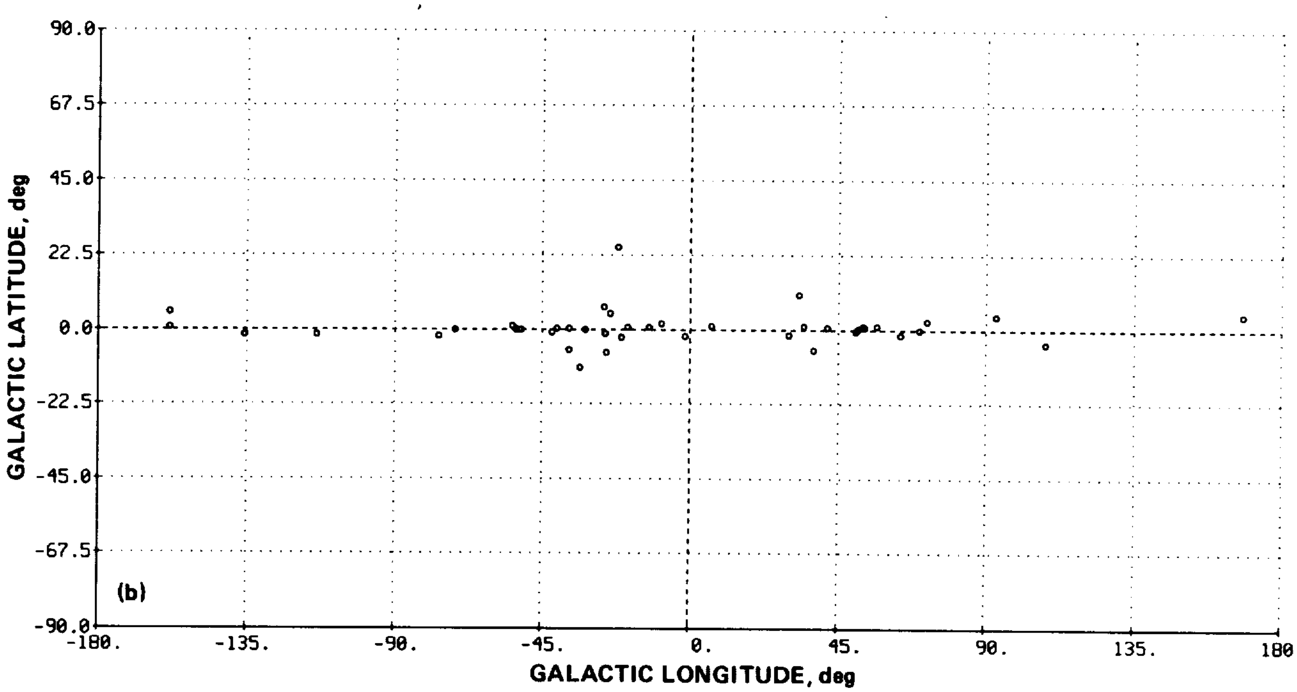


Figure 47.– Plots for Class 42/η1. (a) Spectral; (b) galactic.

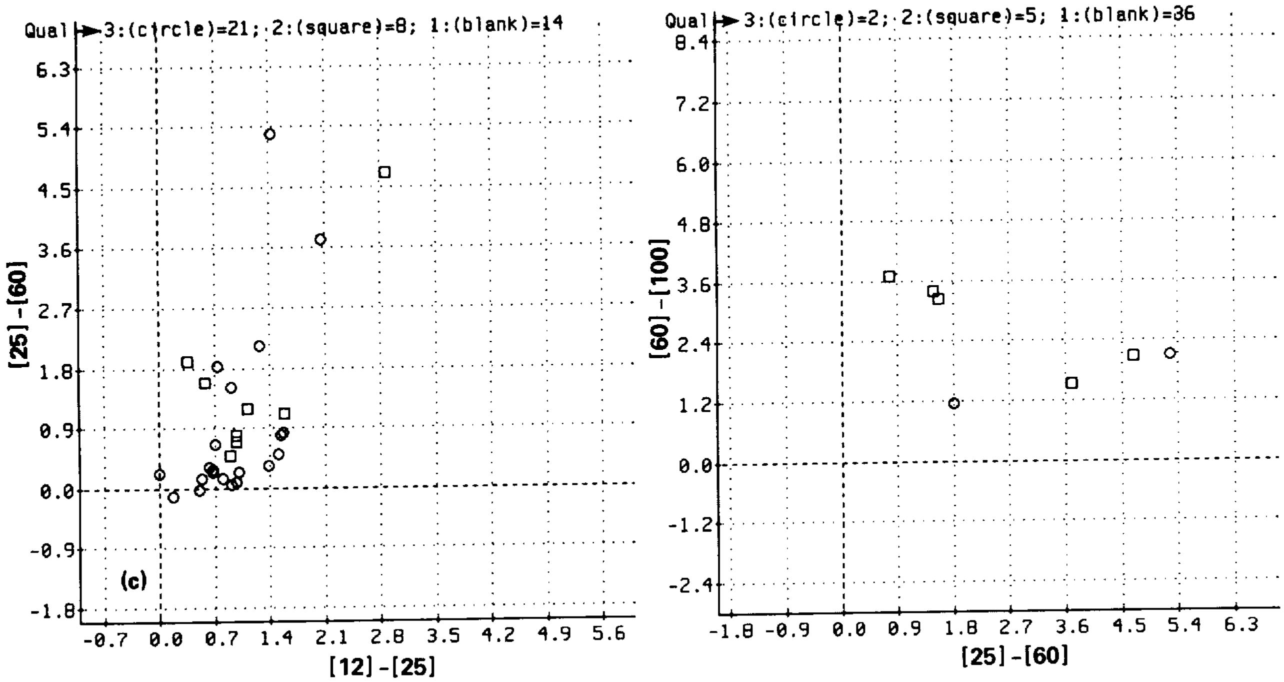


Figure 47.– Concluded. (c) Color-color.

Commentary for Class 42/η1

Source count: 43; Source type: Oxygen-rich/absorption; S/N: Noisy.

These sources have a slightly stronger 10 μm absorption feature than those in class 41/η0, and an absorption feature around 18 μm. The LRS continuum suggests a temperature of 500 K and the colors imply a range of temperature from 60 K to 140 K, and around 500 K. The sources are found close to the galactic plane, and have a slight concentration towards the galactic center. About 70% of the sources have no association. A few sources are associated with *Mira* variables, and a few with reddened stars. One source is associated with a carbon star. The 12 μm flux density ranges from 3.04 Jy to 31.95 Jy. About 20% of the sources have VAR >= 90, and 50% have VAR =< 20. The colors again show that this is not a homogeneous class. Some of the sources (from the colors) are *HII* region/reflection nebula/dark cloud sources. Only a few sources have 100 μm flux densities, so that these types of source are not the majority. Again it is not clear what types of sources are in this class.

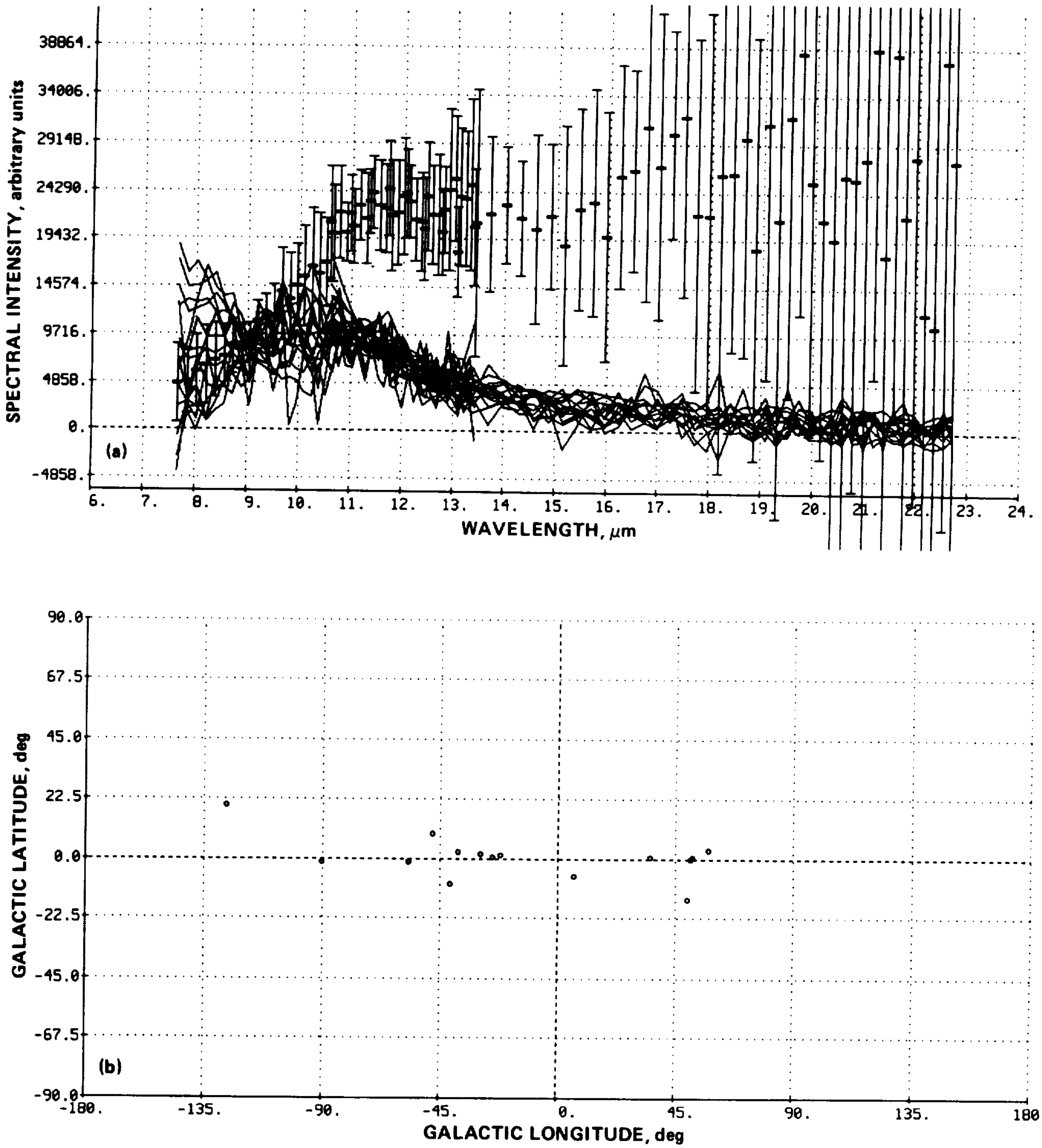


Figure 48.– Plots for Class 43/θ0. (a) Spectral; (b) galactic.

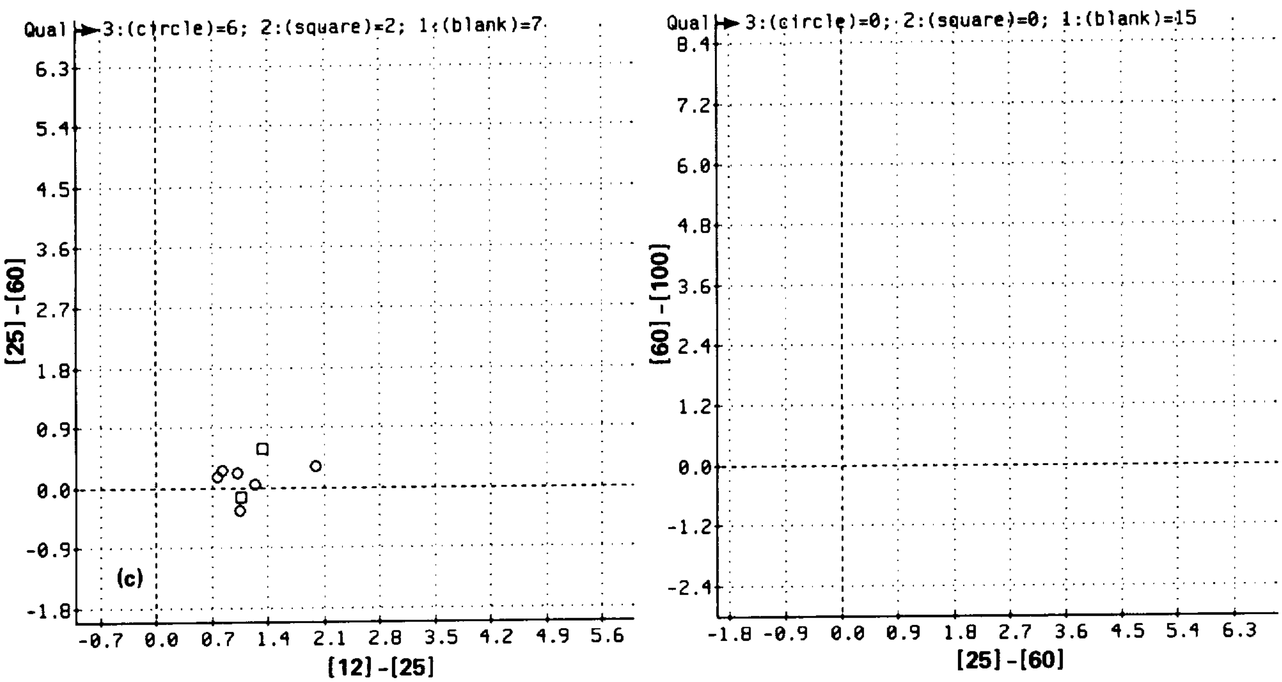
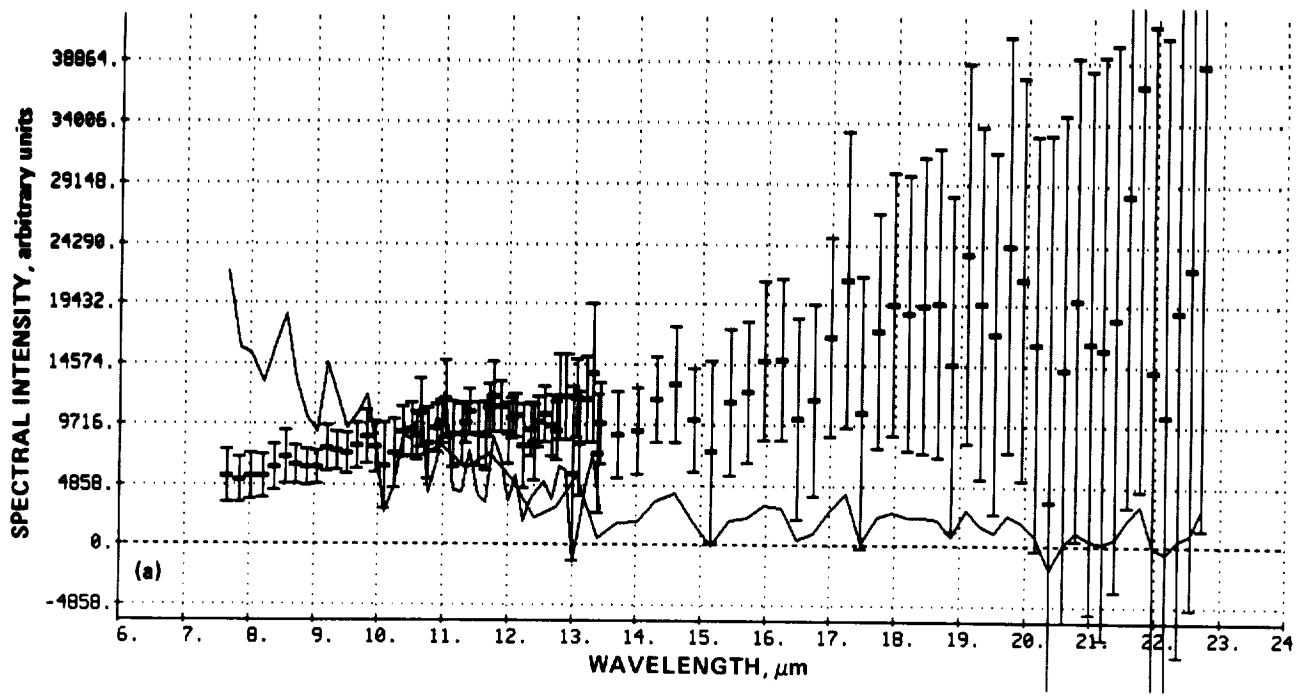


Figure 48.– Concluded. (c) Color-color.

Commentary for Class 43/θ0

Source count: 15; Source type: Not defined; S/N: Very noisy.

These sources may show a weak feature around 10 µm, and their mean colors suggest that they are oxygen-rich. The LRS continuum suggests a temperature around 500 K and the colors imply a range from 300 K to 600 K. These sources are mostly confined to the galactic plane, and to the inner galaxy. Four sources have associations, one of them to a carbon star. The nature of this class in unclear.



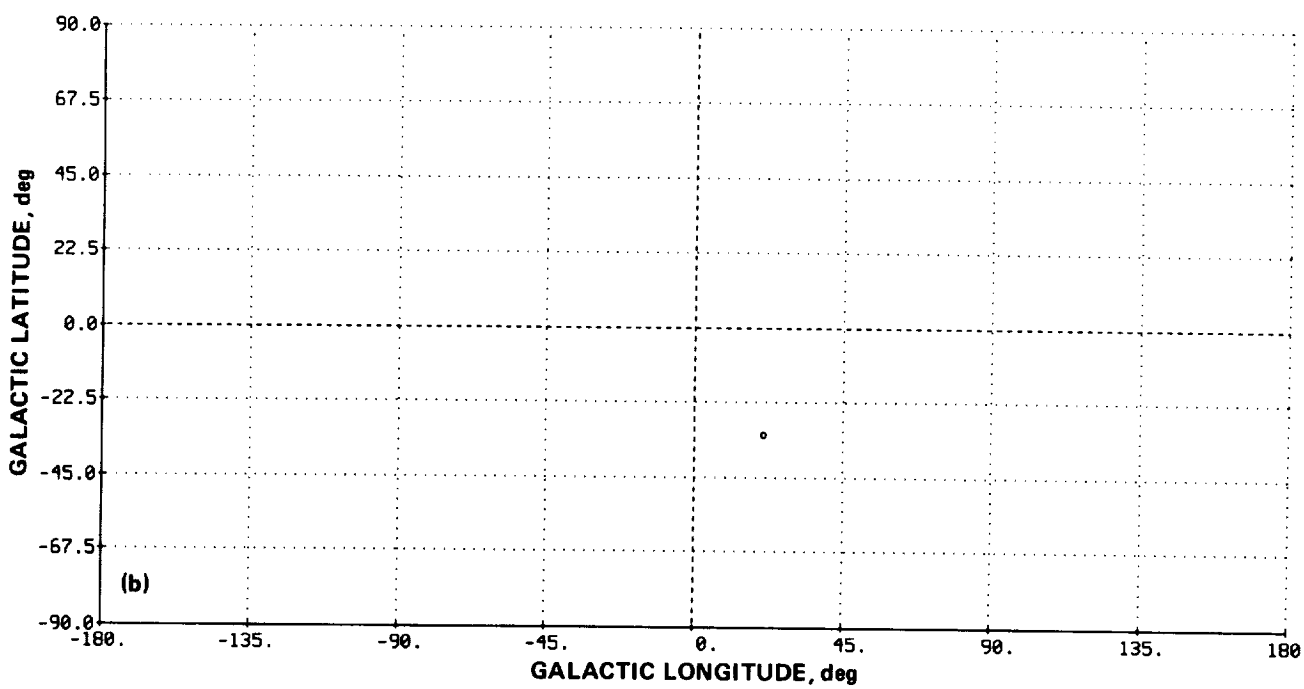


Figure 49.– Plots for Class 44/λ0. (a) Spectral; (b) galactic.

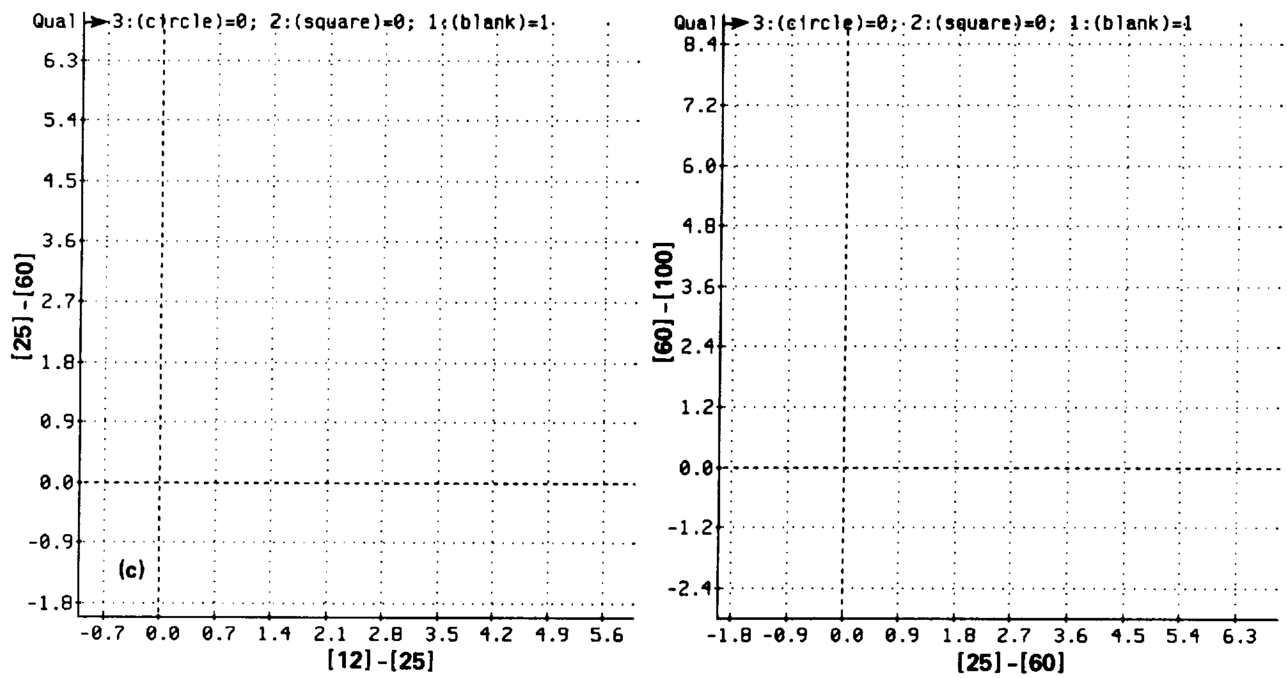
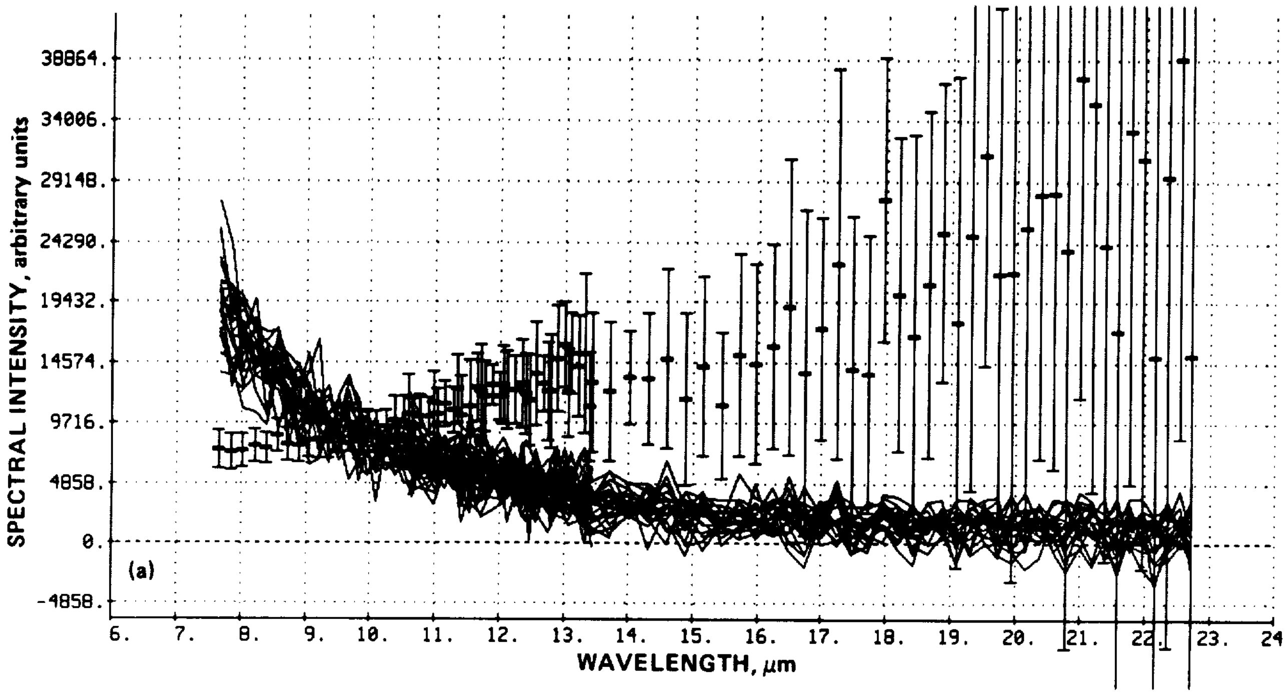


Figure 49.– Concluded. (c) Color-color.

Commentary for Class 44/λ0

Source count: 1; Source type: Not defined; S/N: Very noisy.

No comments.



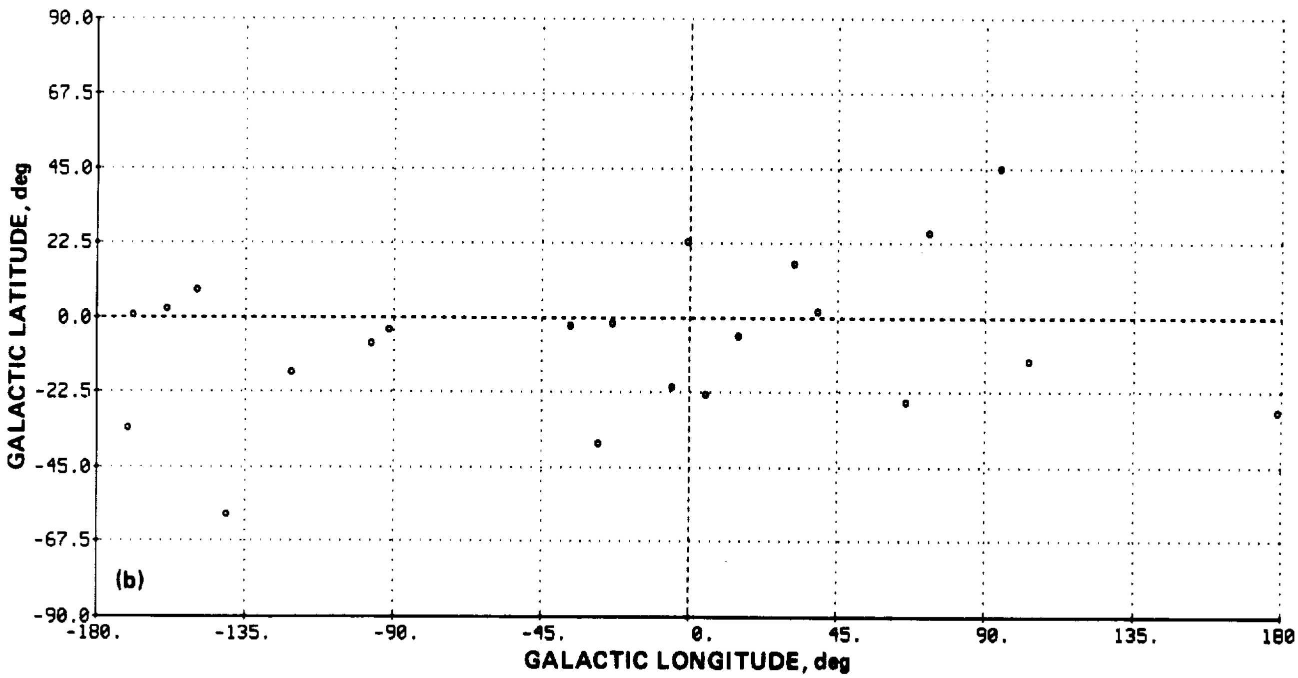


Figure 50.– Plots for Class 45/λ1. (a) Spectral; (b) galactic.

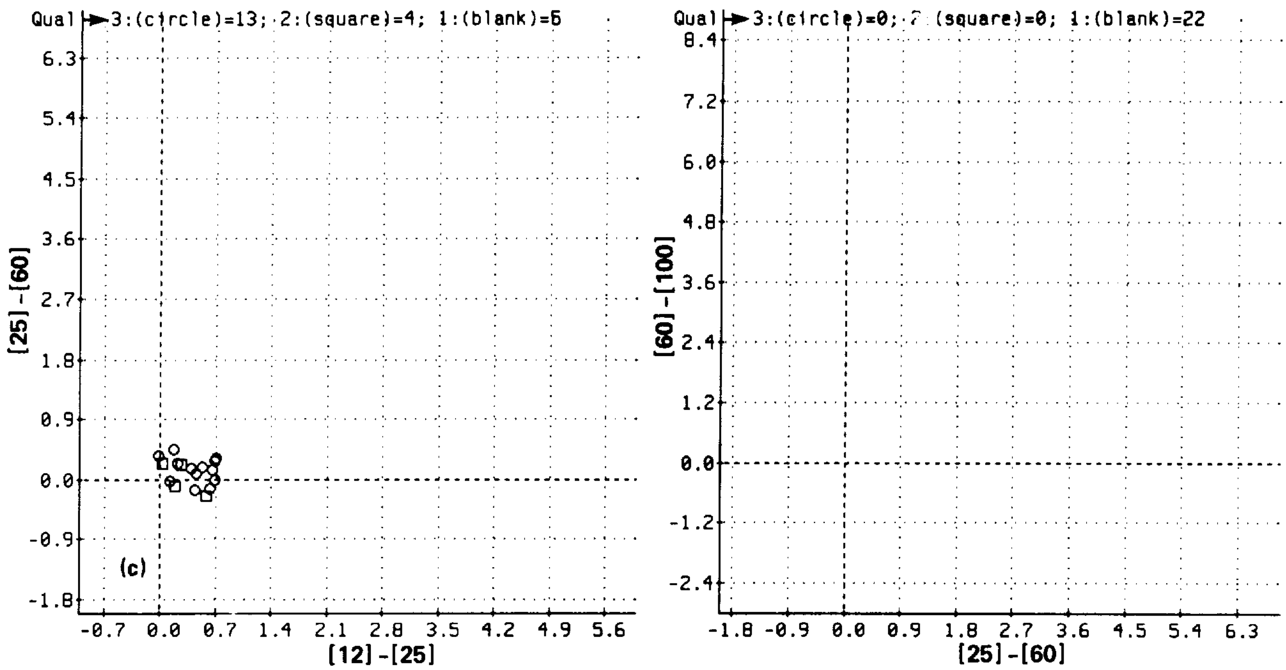
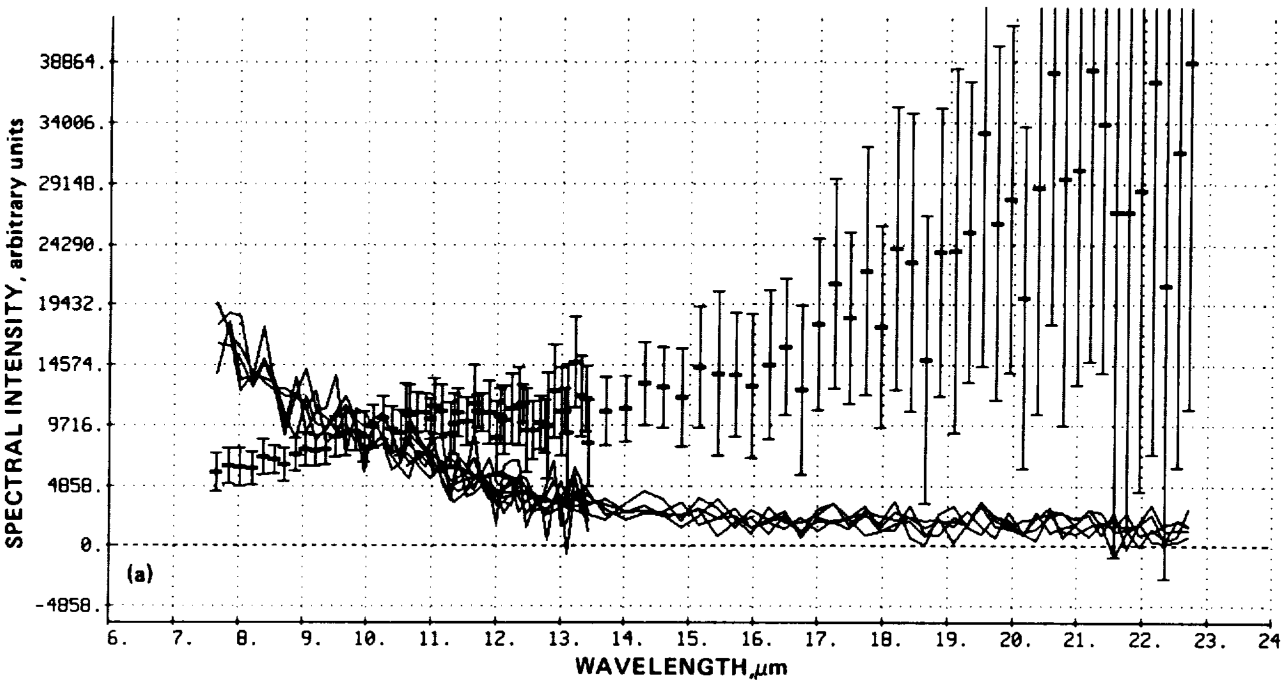


Figure 50.– Concluded. (c) Color-color.

Commentary for Class 45/λ1

Source count: 22; Source type: Featureless; S/N: Very noisy.

These sources have featureless spectra, and the spectra may have a problem with the longer wavelength baseline. The LRS continuum shows that the sources are hot and the colors imply a temperature higher than 500 K. The sources are found at all galactic longitudes and latitudes.



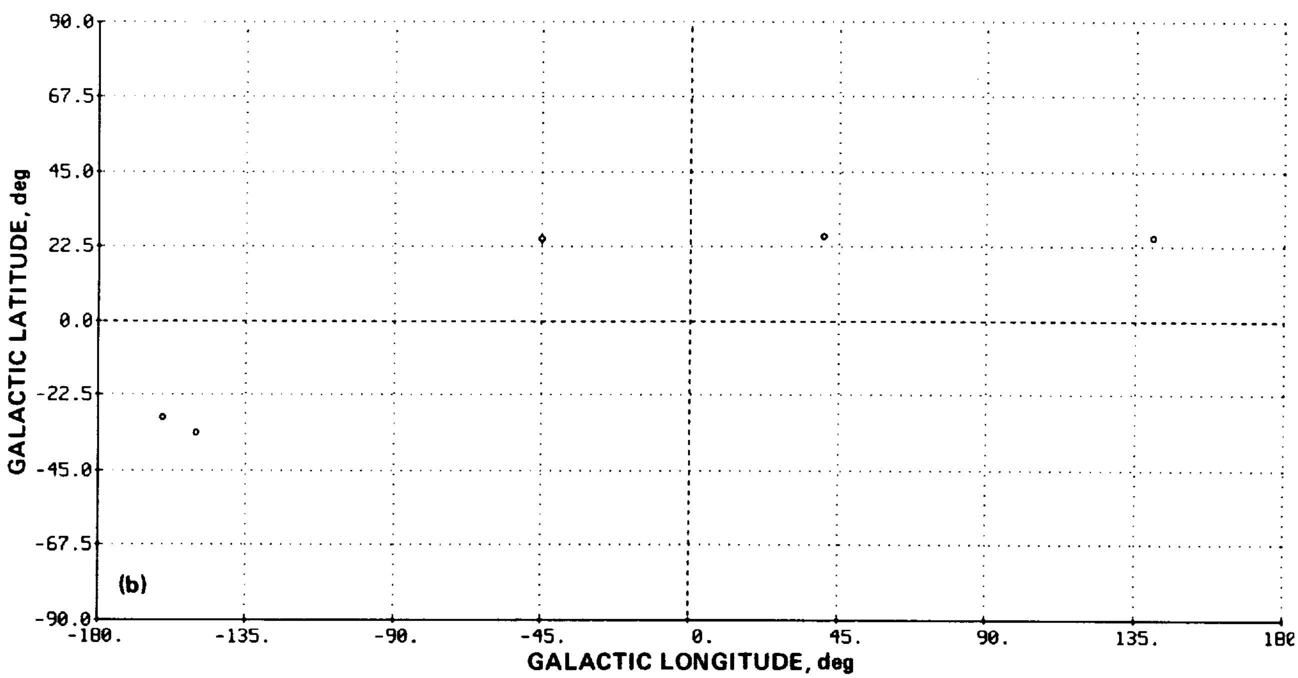


Figure 51.– Plots for Class 46/λ2. (a) Spectral; (b) galactic.

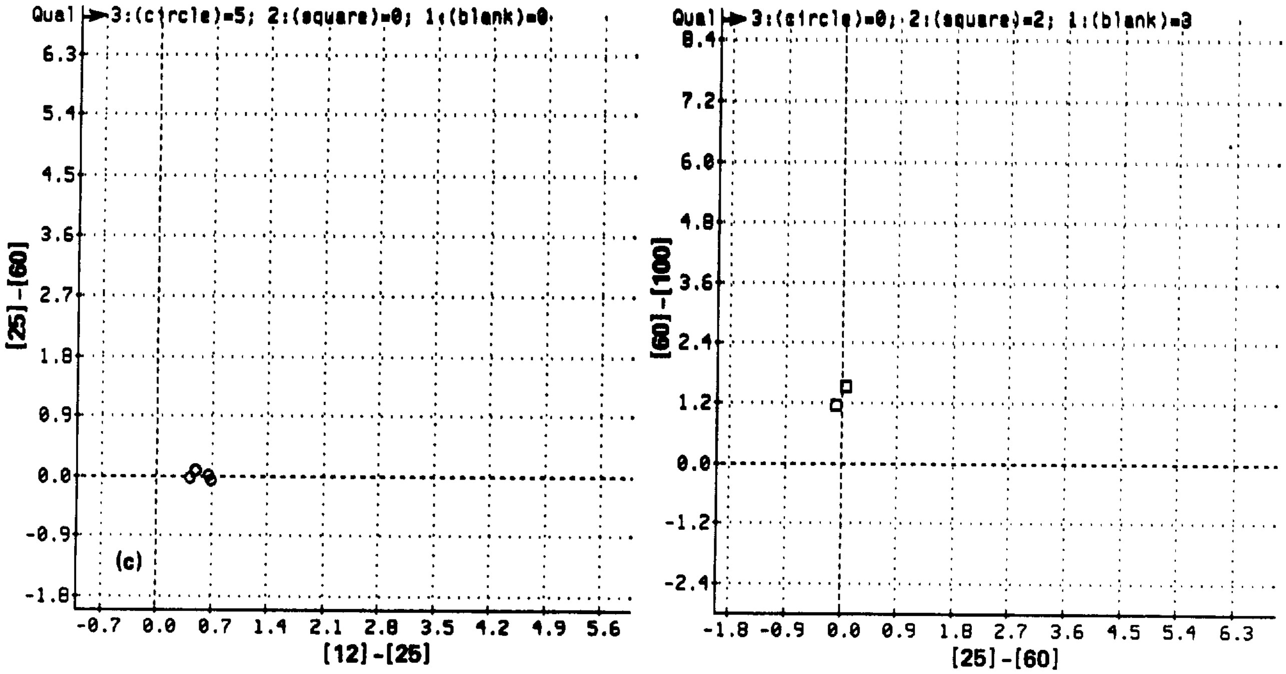
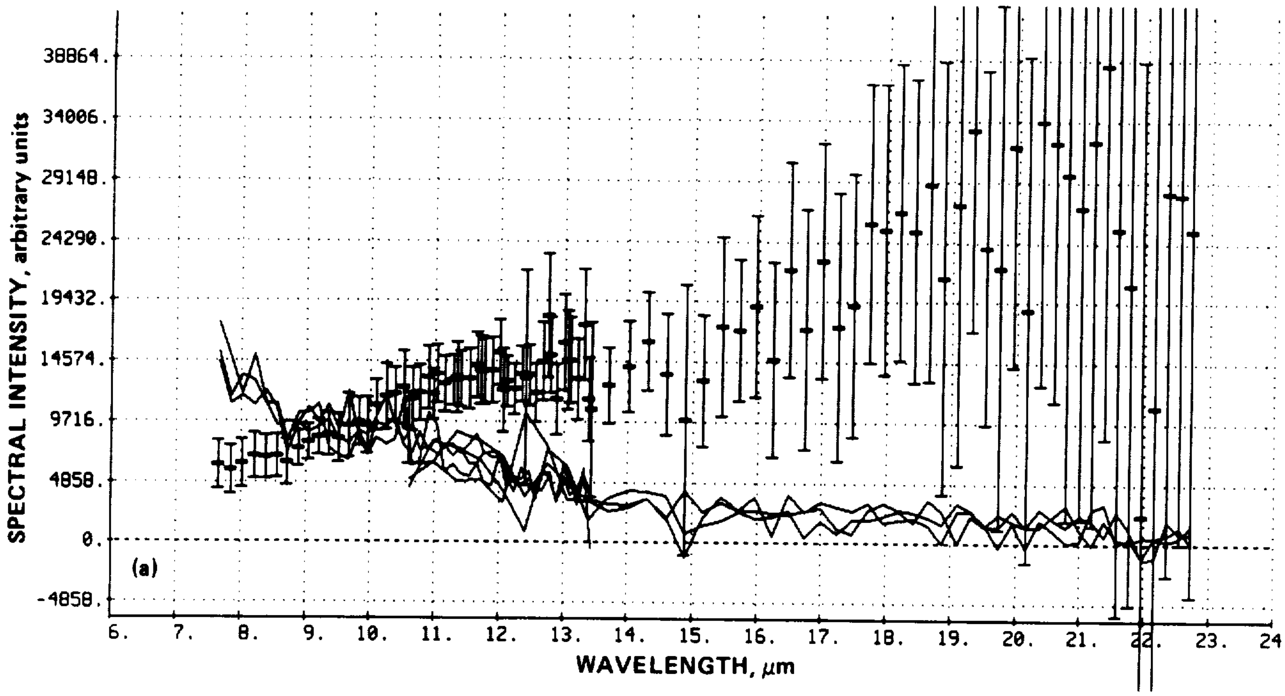


Figure 51.– Concluded. (c) Color-color.

Commentary for Class 46/λ2

Source count: 5; Source type: Not defined; S/N: Very noisy.

No comments.



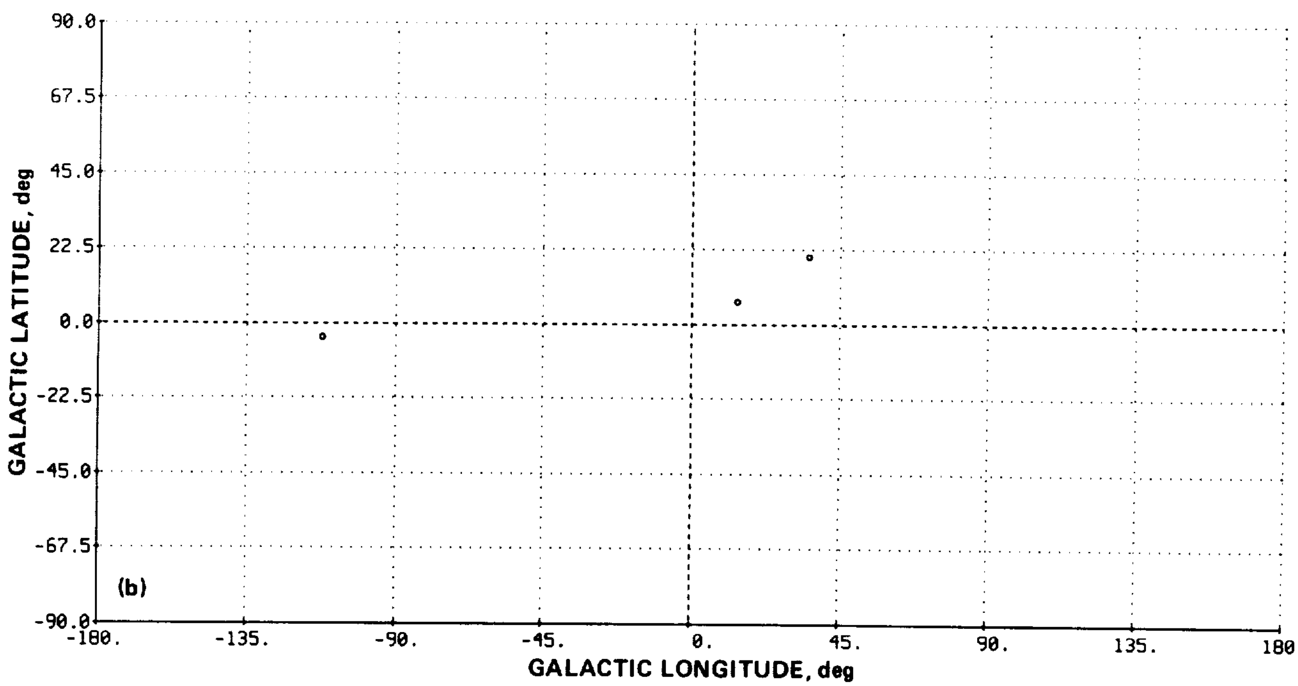


Figure 52.– Plots for Class 47/λ3. (a) Spectral; (b) galactic.

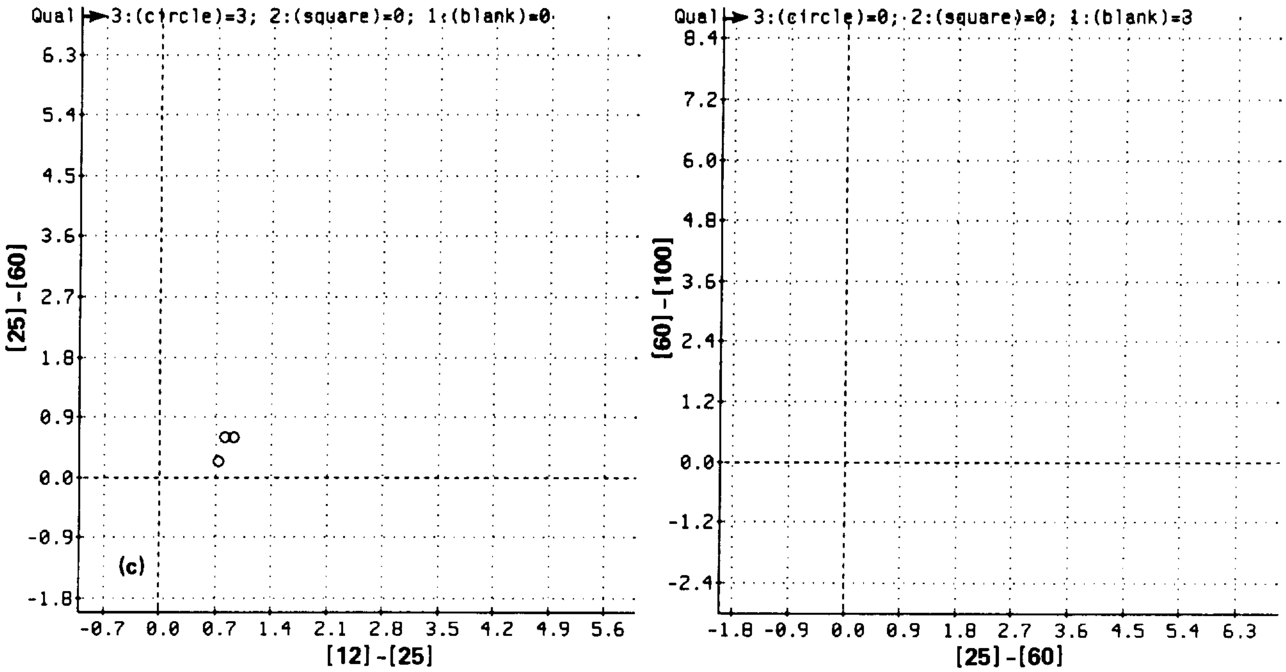


Figure 52.– Concluded. (c) Color-color.

Commentary for Class 47/λ3

Source count: 3; Source type: Not defined; S/N: Very noisy.

No comments.

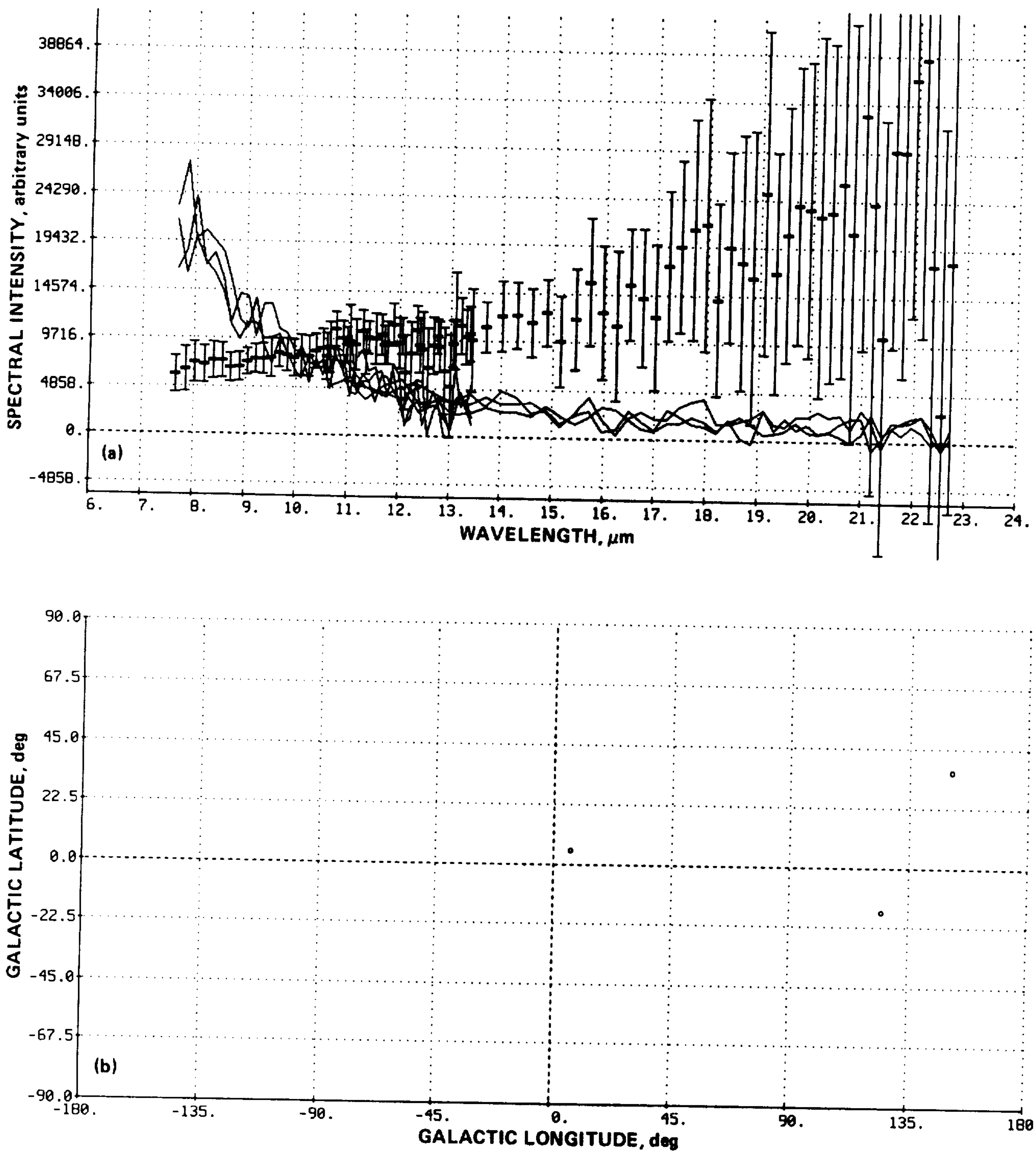
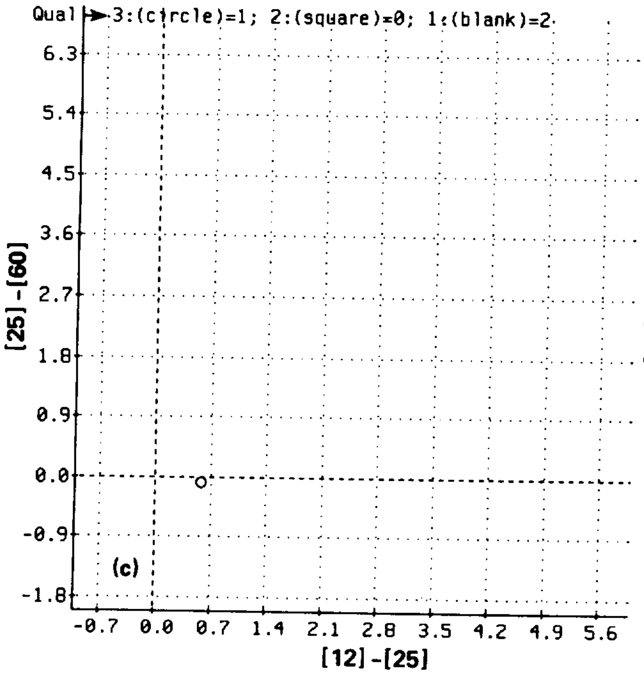


Figure 53.– Plots for Class 48/λ4. (a) Spectral; (b) galactic.



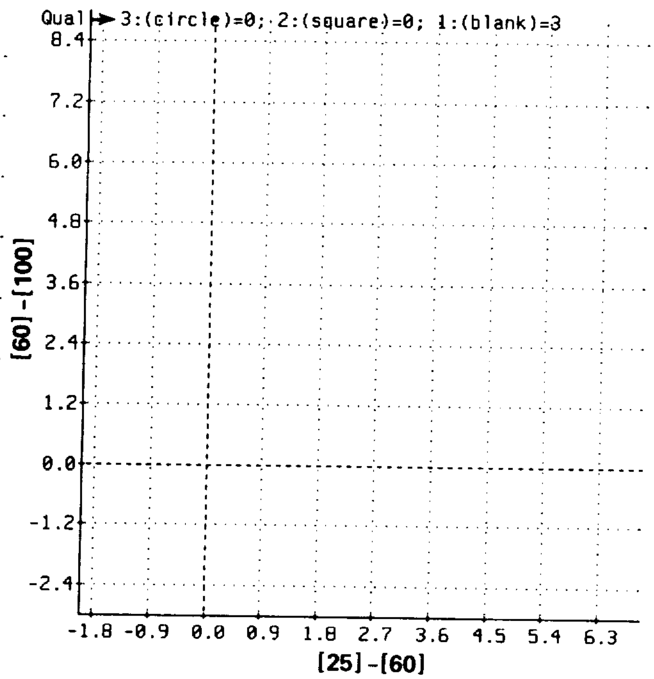


Figure 53.– Concluded. (c) Color-color.

Commentary for Class 48/λ4

Source count: 3; Source type: Not defined; S/N: Very noisy.

No comments.

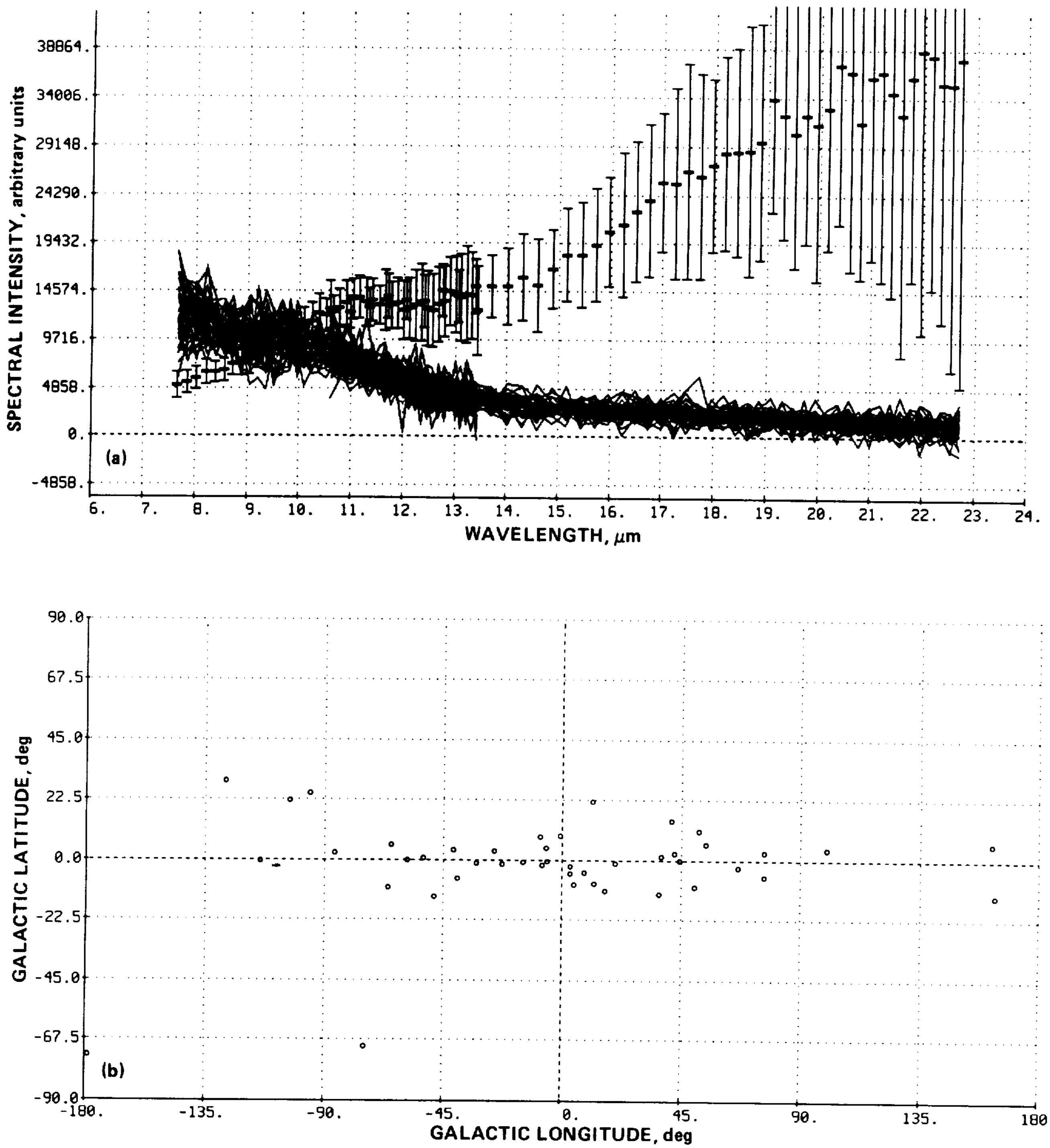


Figure 54.– Plots for Class 50/λ6. (a) Spectral; (b) galactic.

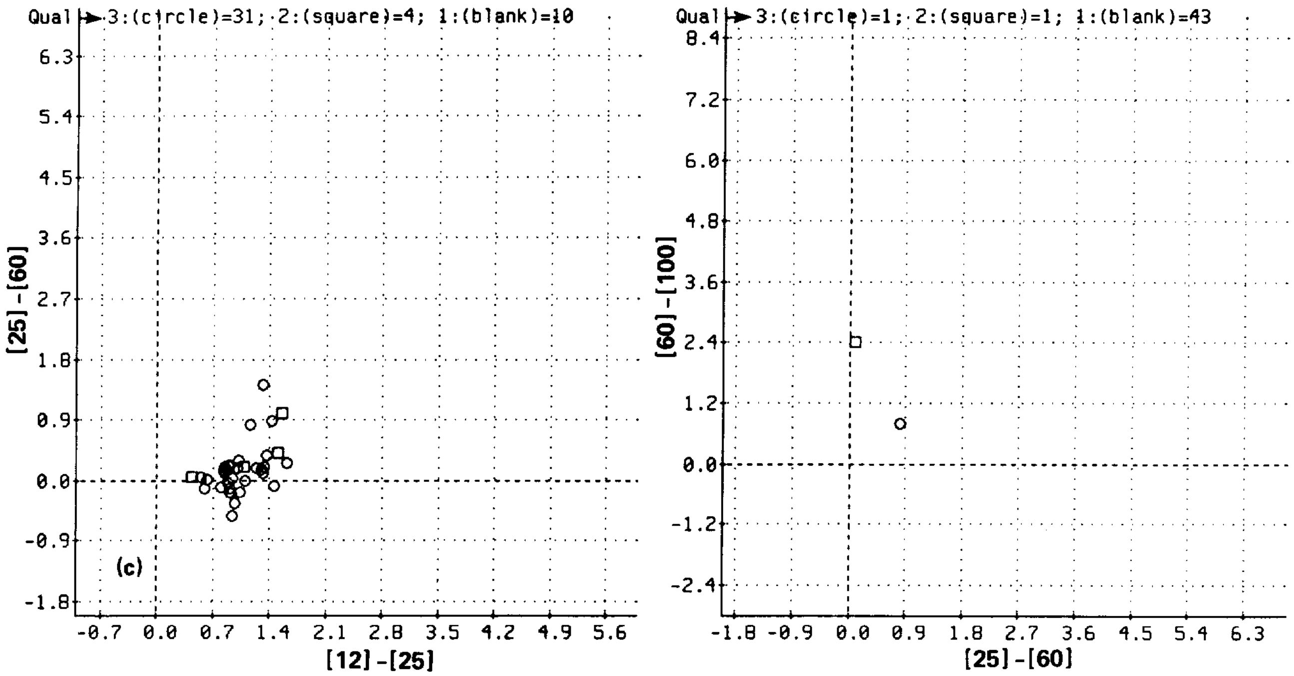


Figure 54.– Concluded. (c) Color-color.

Commentary for Class 50/λ6

Source count: 45; Source type: Not defined; S/N: Good.

This class has very weak features which may be 10 μm emission, 11 μm emission, or 15 μm absorption, together with emission around 20 μm. The LRS continuum suggests a temperature of 450 K, and the colors imply a temperature range between 300 K and 1,000 K. The sources are moderately concentrated towards the galactic plane, with some concentration towards the inner galaxy. Of the sources, 15 have associations.

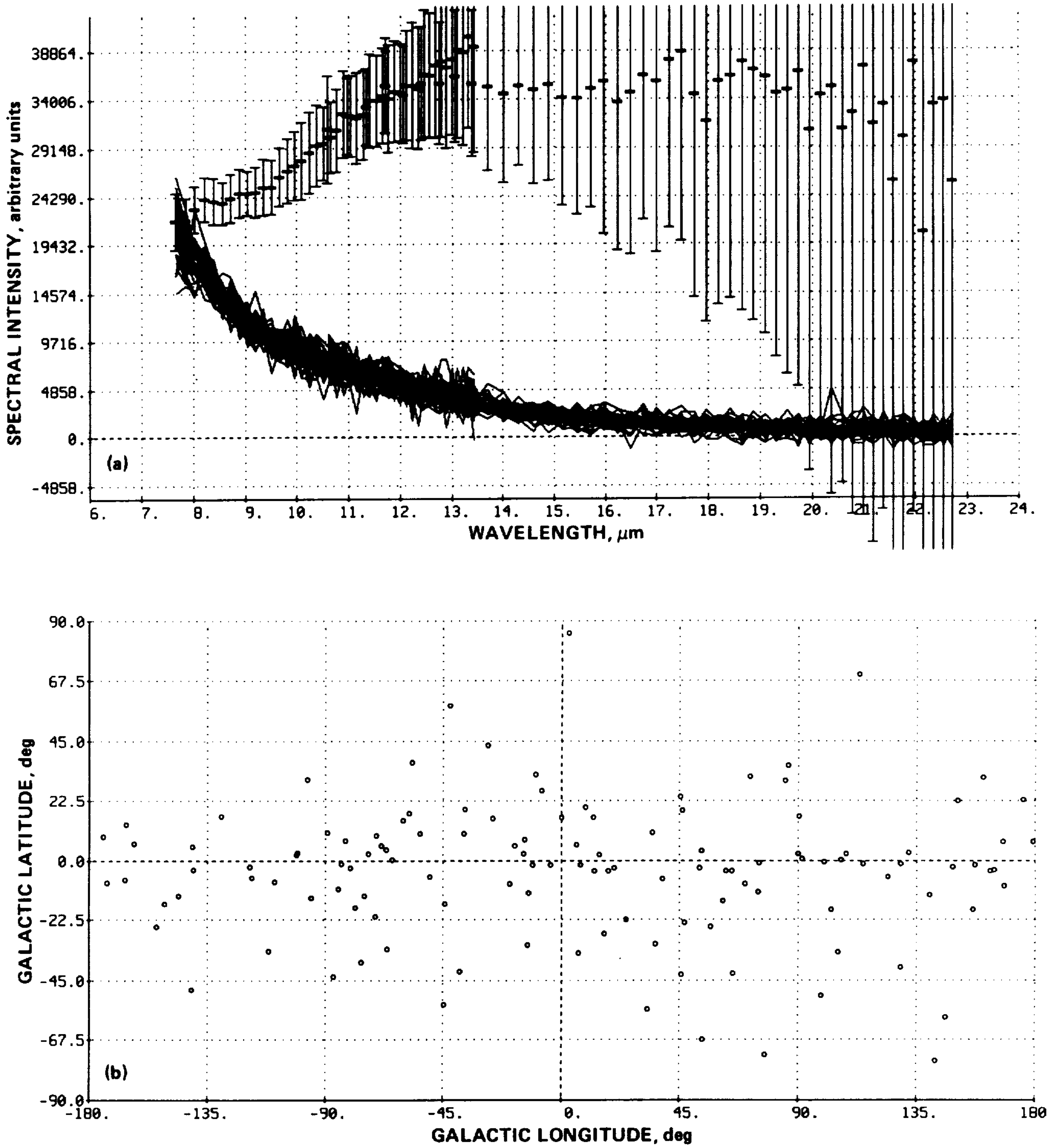


Figure 55.– Plots for Class 51/λ7. (a) Spectral; (b) galactic.

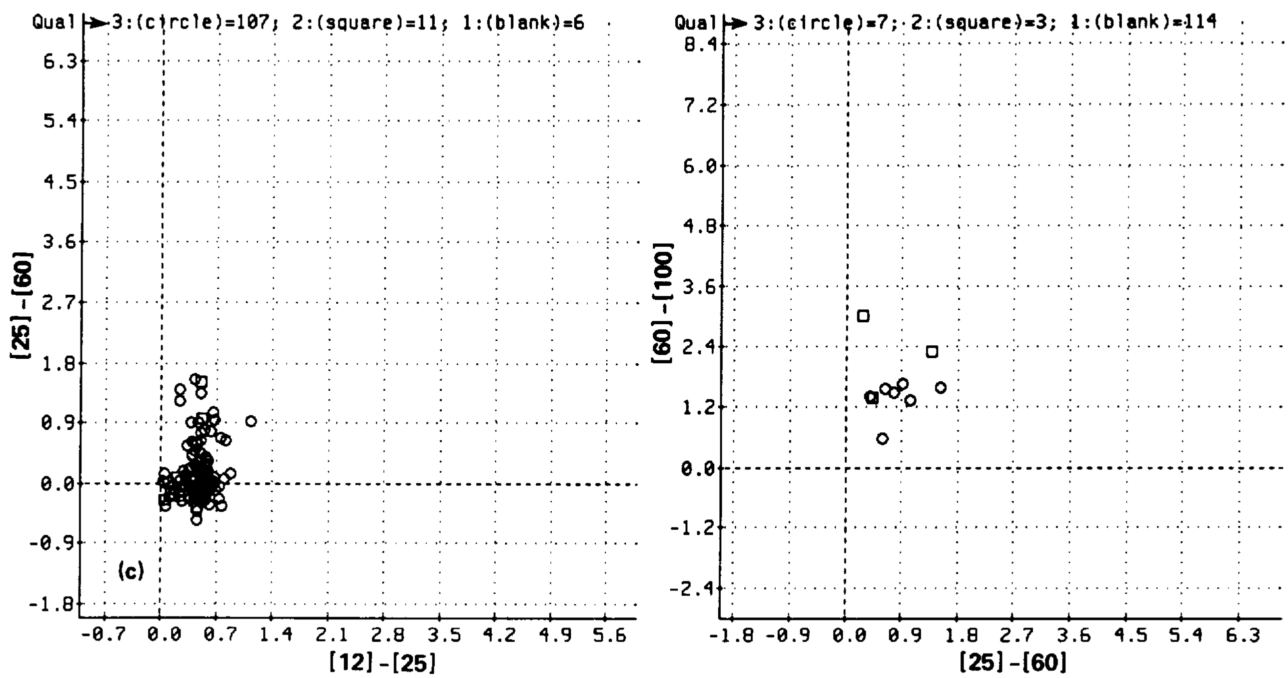
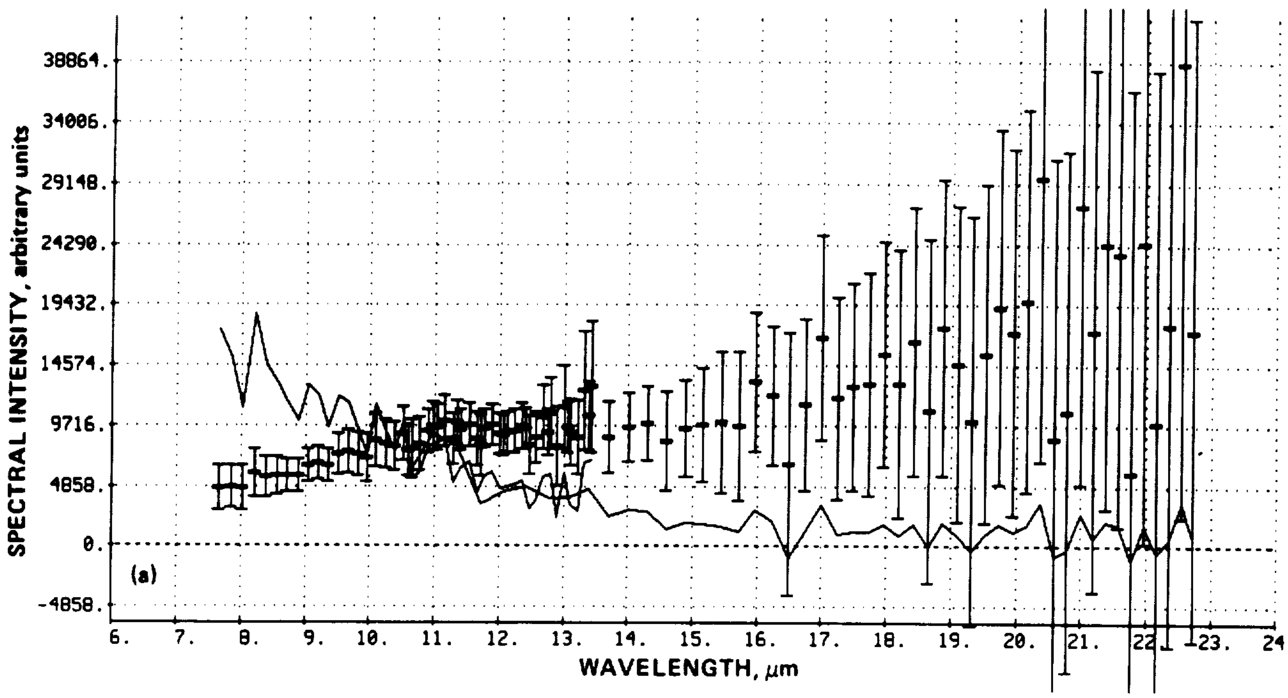


Figure 55.– Concluded. (c) Color-color.

Commentary for Class 51/λ7

Source count: 124; Source type: Oxygen-rich/emission*; S/N: Noisy.

These sources may have weak broad features, and there is the possibility of emission around 12 μm for some sources, with a broad absorption feature at the shortest wavelengths in some spectra. The LRS continuum suggests a temperature of 1,500 K for those with 12 μm emission and around 10,000 K for those with the blue absorption, and the colors imply that the temperature is above 500 K. The sources are found at all galactic latitudes and longitudes. Using a scale height of 200 pc, a estimated mean distance of 600 pc is found for these sources. About 20% of the sources have no associations. Only three of the sources associate with known carbon stars; most of the associations are to normal *M* stars. One source is associated with an *RR Lyrae* variable, one source with a *K* supergiant and one source is associated with a *B2V* star. The 12 μm flux density ranges from 8.66 Jy to 24.35 Jy. Around 15% of the sources have VAR >= 90, and 50% have VAR =< 20. This class shows an unusual number of sources with excess 60 μm flux, and these may be carbon stars. The mean colors of this class are similar to those of other carbon-rich classes. M_{12} is estimated to be around -7.8.



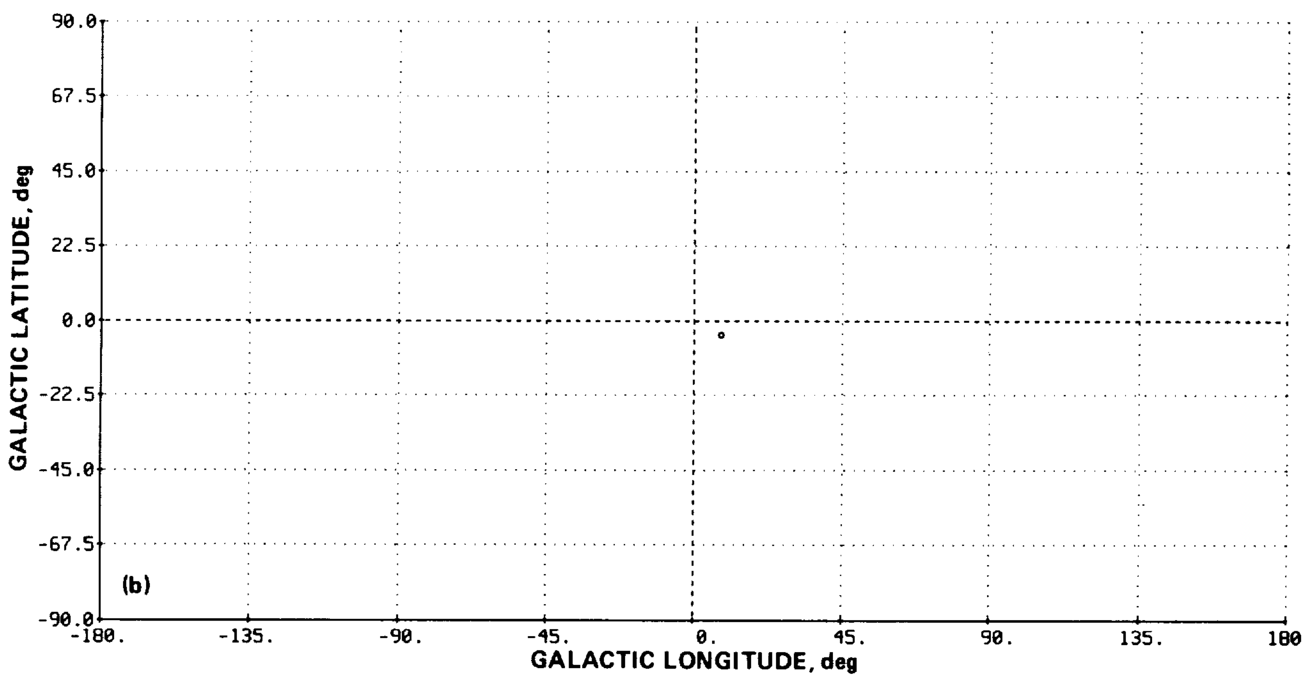


Figure 56.– Plots for Class 53/λ9. (a) Spectral; (b) galactic.

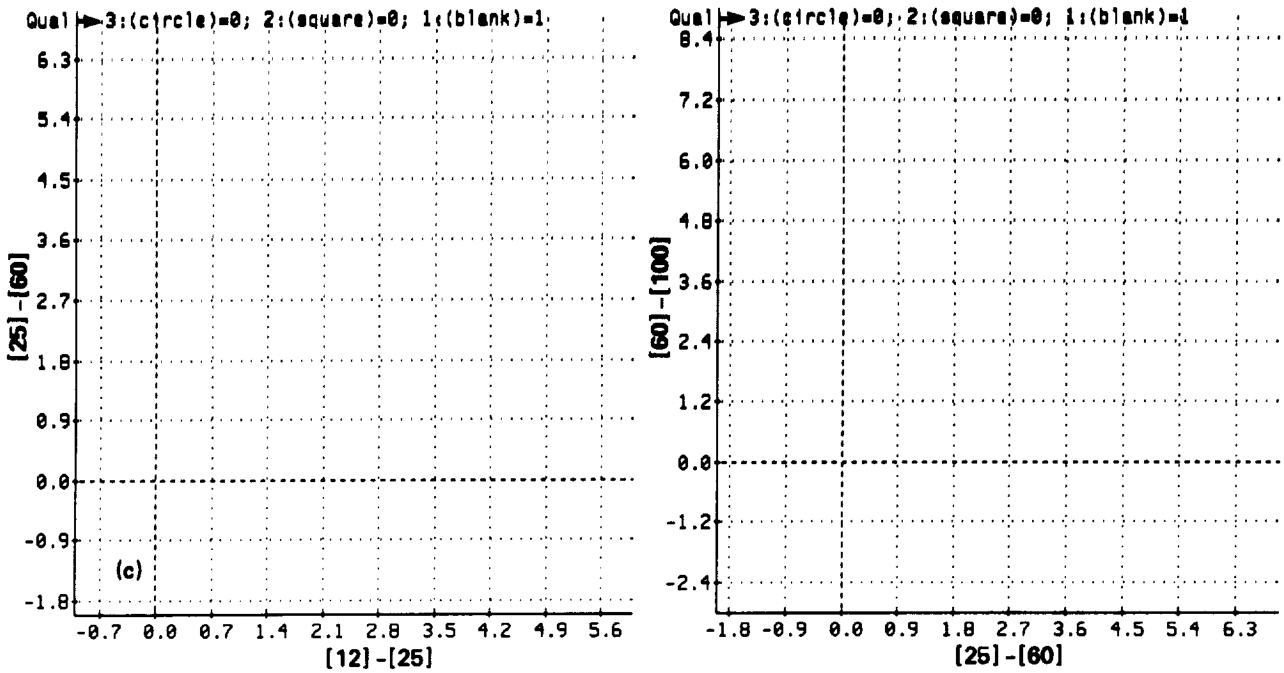


Figure 56.– Concluded. (c) Color-color.

Commentary for Class 53/λ9

Source count: 1; Source type: Not defined; S/N: Extremely noisy.

No comments.

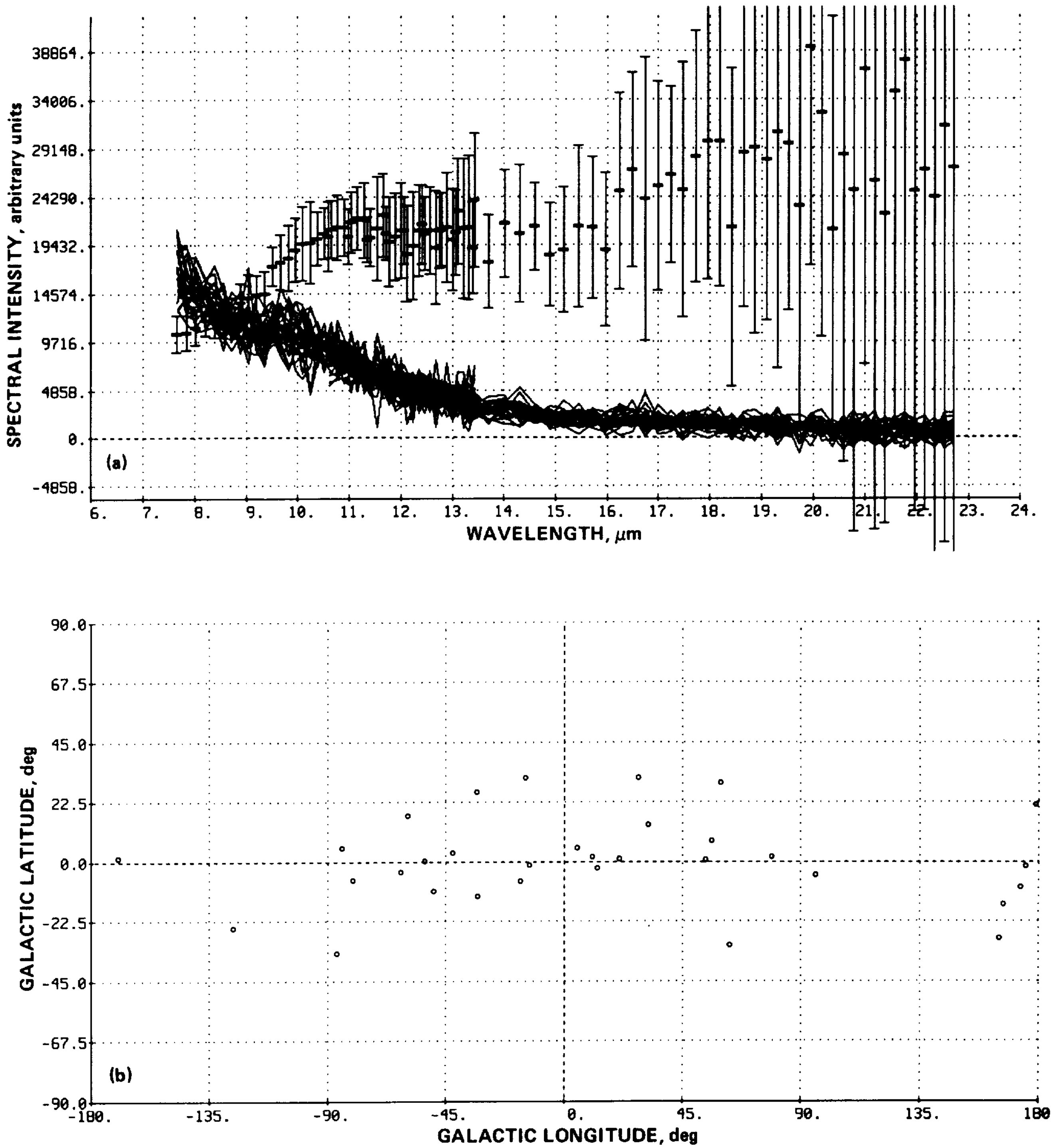


Figure 57.– Plots for Class 54/λ10. (a) Spectral; (b) galactic.

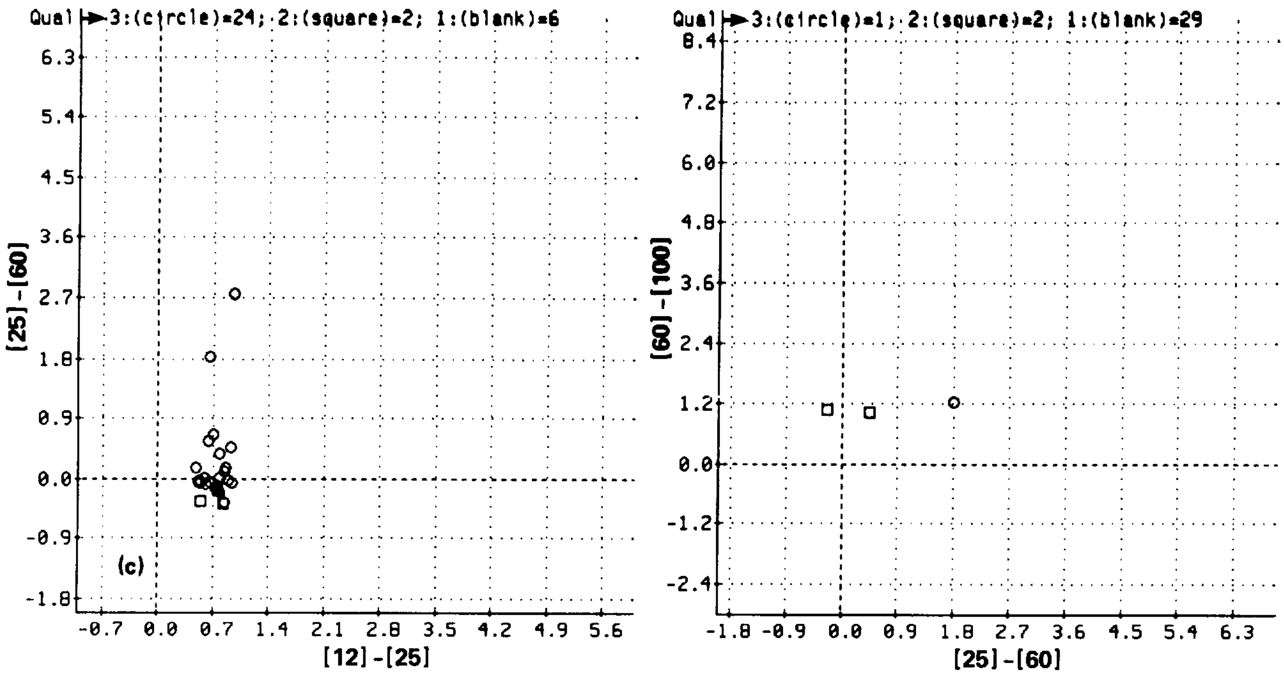


Figure 57.– Concluded. (c) Color-color.

Commentary for Class 54/λ10

Source count: 32; Source type: Oxygen-rich/emission; S/N: Extremely noisy.

These sources show a weak feature at 9.7 μm. They may be similar to class 56/λ12 or class 65/λ21, but with more noise. The LRS continuum suggests a temperature of 1,000 K, and the colors imply a temperature above 500 K. The sources are moderately concentrated towards the galactic plane, and are found at all longitudes but with a slight preference for the inner galaxy. Using a scale height of 200 pc, an estimated mean distance of 900 pc is found. Of the sources, 13 have stellar catalog associations; where spectral types are available they are for mid-*M* spectral types. The 12 μm flux density ranges from 9.01 Jy to 18.90 Jy. Only three sources have VAR >= 90, while 19 have VAR =< 20. The mean M_{12} is estimated to be around -8.5.

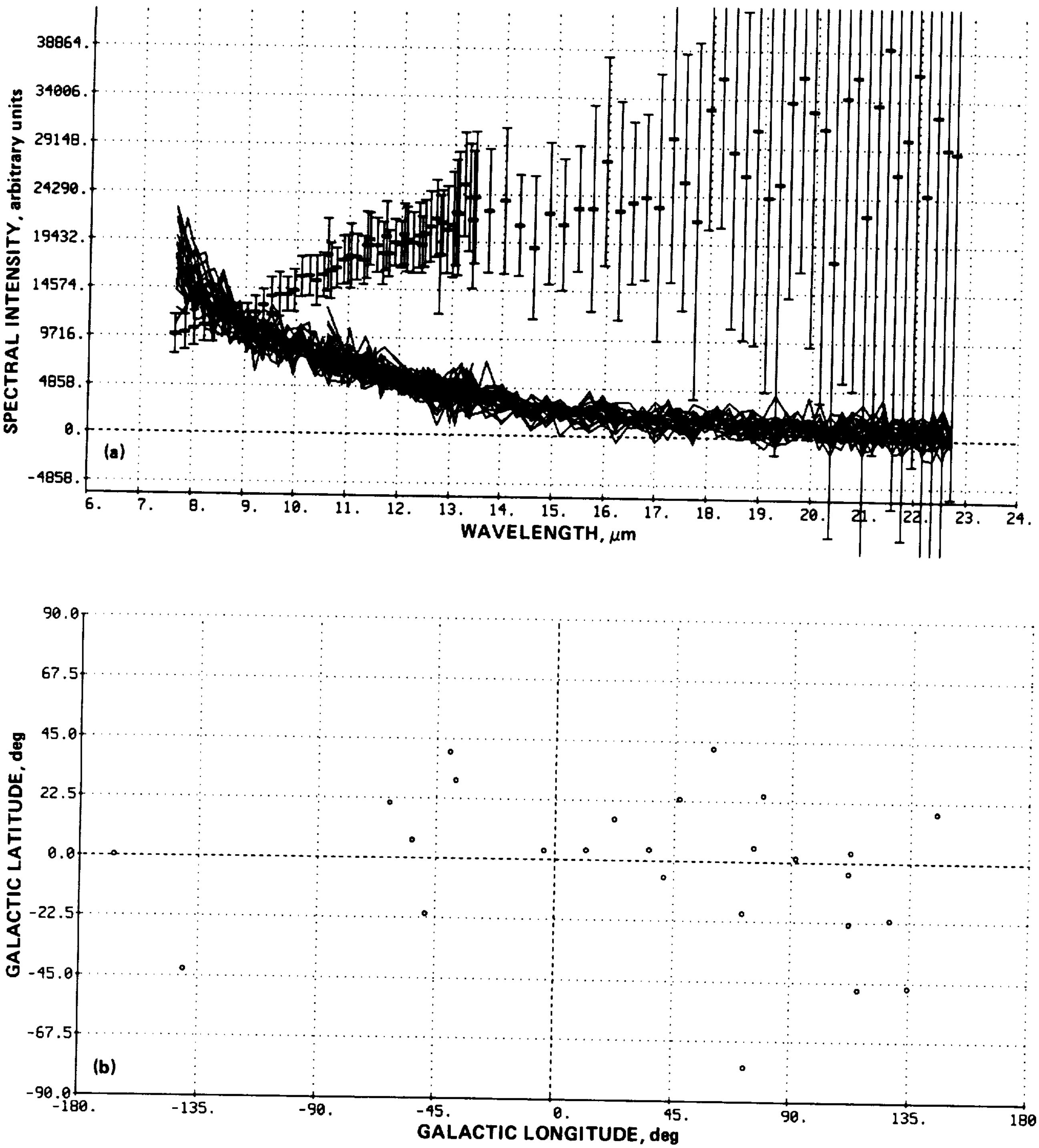


Figure 58.– Plots for Class 55/λ11. (a) Spectral; (b) galactic.

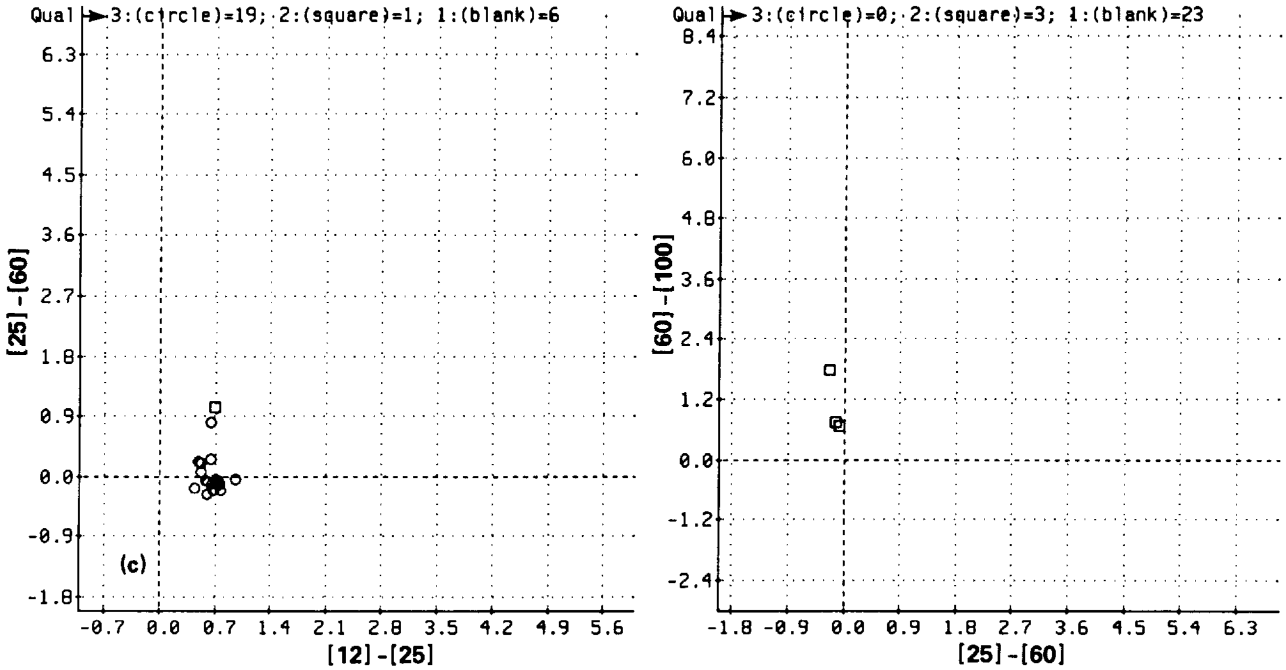


Figure 58.– Concluded. (c) Color-color.

Commentary for Class 55/λ11

Source count: 26; Source type: Not defined; S/N: Very noisy.

This class appears to have featureless spectra, but the spectra are very noisy, and the colors suggest that the class is oxygen-rich. The LRS continuum suggests a temperature of 750 K and the colors imply a range of temperature between 500 K and 2,000 K. The sources are found at all galactic latitudes and longitudes. Of the 26 sources, 21 are associated, mostly to *M* stars, where the spectral type is available.

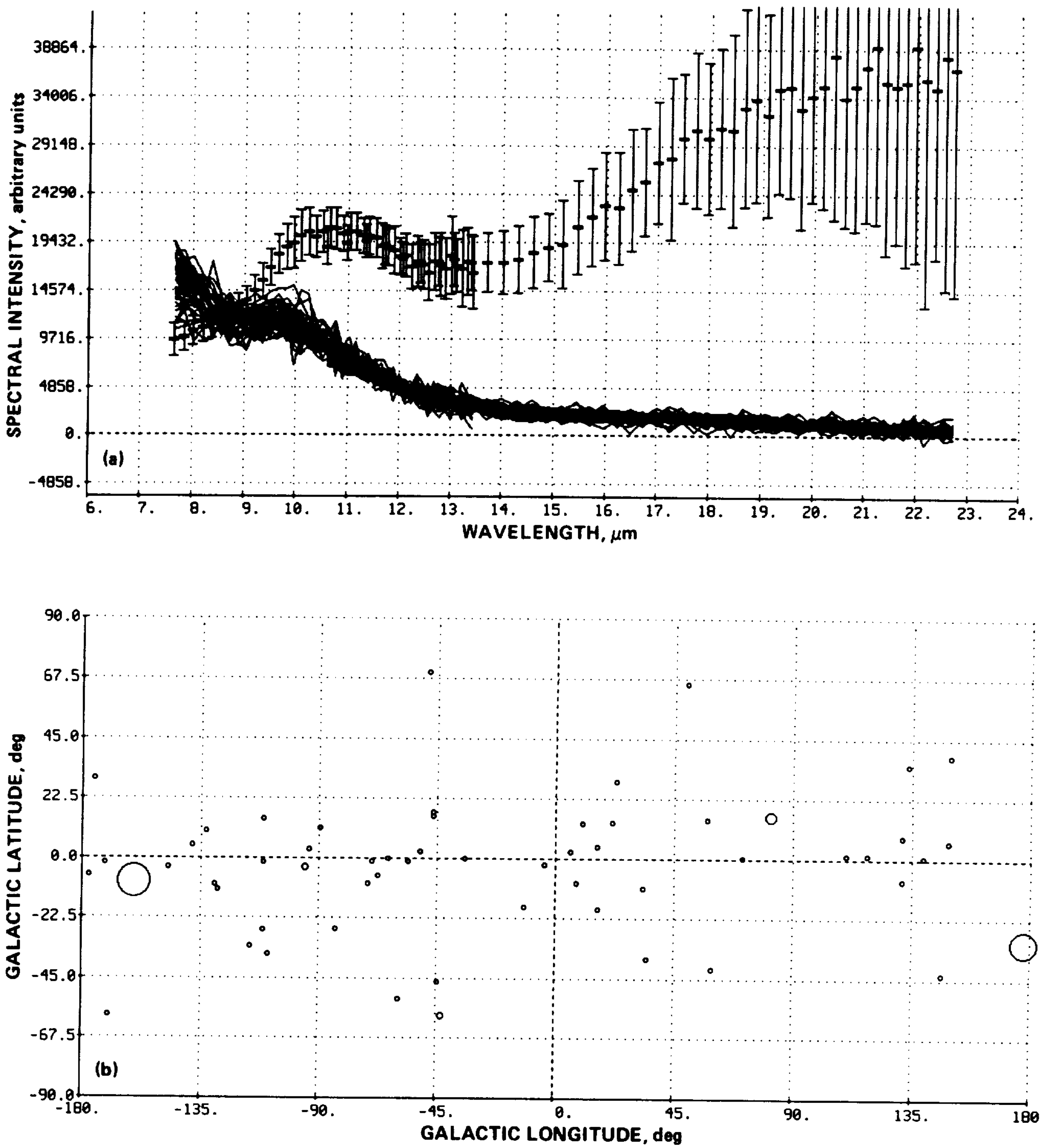


Figure 59.– Plots for Class 56/λ12. (a) Spectral; (b) galactic.

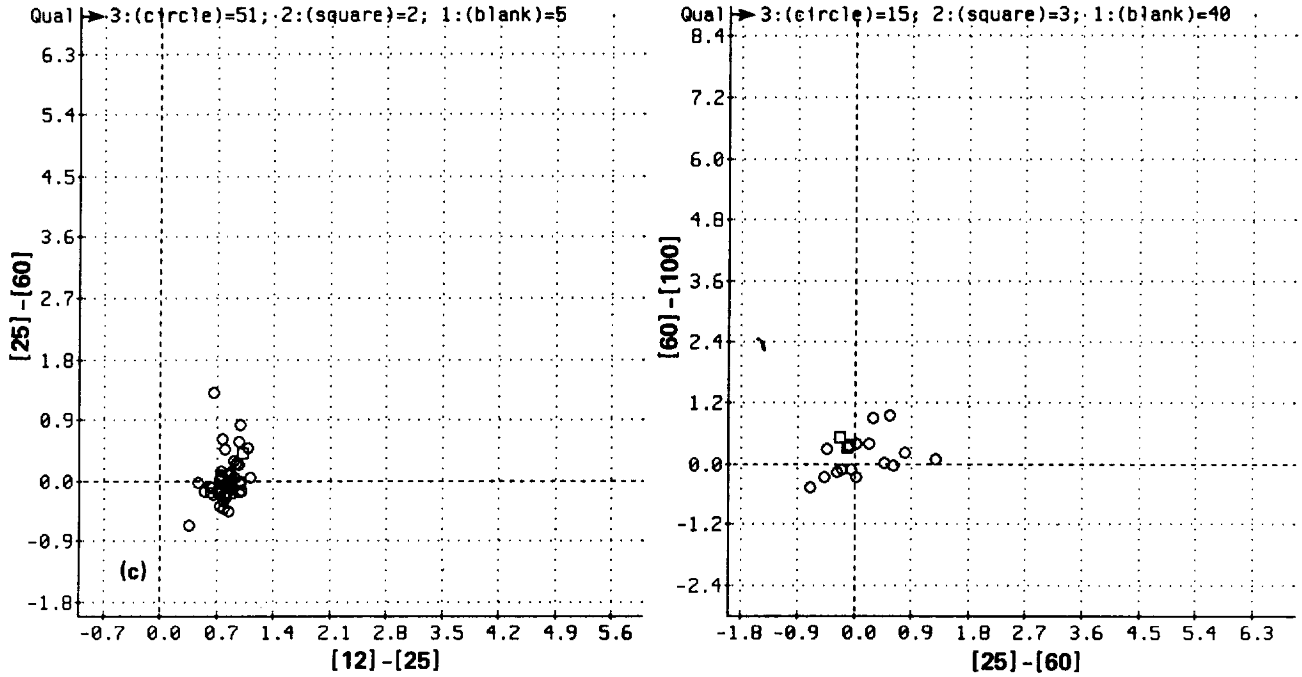


Figure 59.– Concluded. (c) Color-color.

Commentary for Class 56/λ12

Source count: 58; Source type: Oxygen-rich/emission; S/N: High.

These sources show weak emission features at 9.5 μm and 20 μm, with a bluer underlying continuum than for the other silicate emission classes. The LRS continuum suggests a temperature of 800 K and the colors imply a range in temperature from 400 K to 1,000 K. There is considerable scatter in the colors for these sources. The sources can be found at high galactic latitudes, and at all galactic longitudes, showing that they are a local population of sources. Assuming a scale height of 200 pc, an estimated mean distance of 600 pc is found. Where associations are available for the sources, they are generally short period semi-regular variables or irregular variables, but four bright sources are associated with known stars. The 12 μm flux density density ranges from 13.96 Jy to 4682 Jy (α Ori), with only 4 sources having a flux density greater than 100 Jy. Only 3 sources have VAR >= 90. Apart from a few bright sources which appear to be massive or more evolved red giants, these sources are all relatively low luminosity red giants with low mass loss rates. M_{12} is estimated to be around -9 for this class.

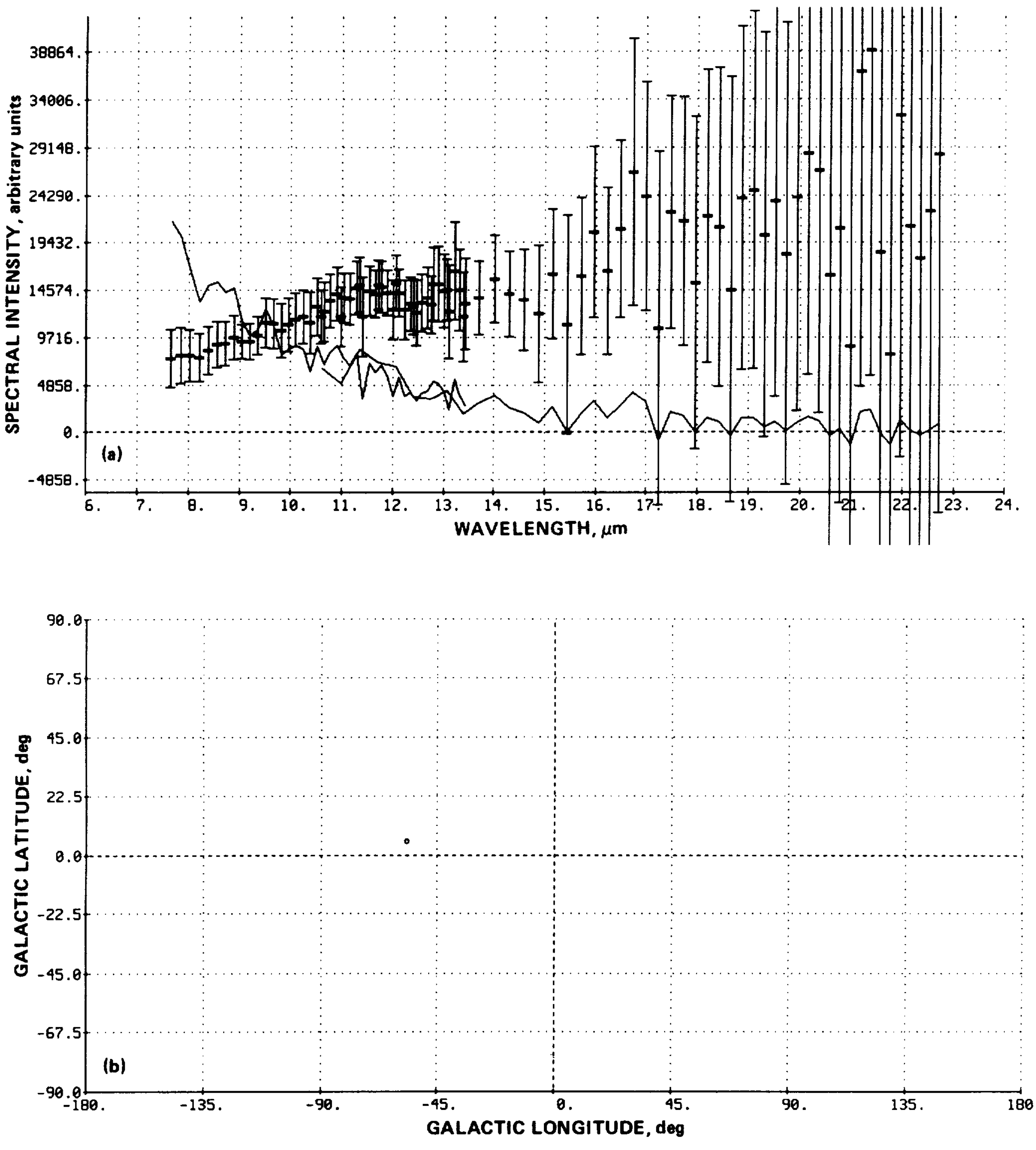


Figure 60.– Plots for Class 57/λ13. (a) Spectral; (b) galactic.

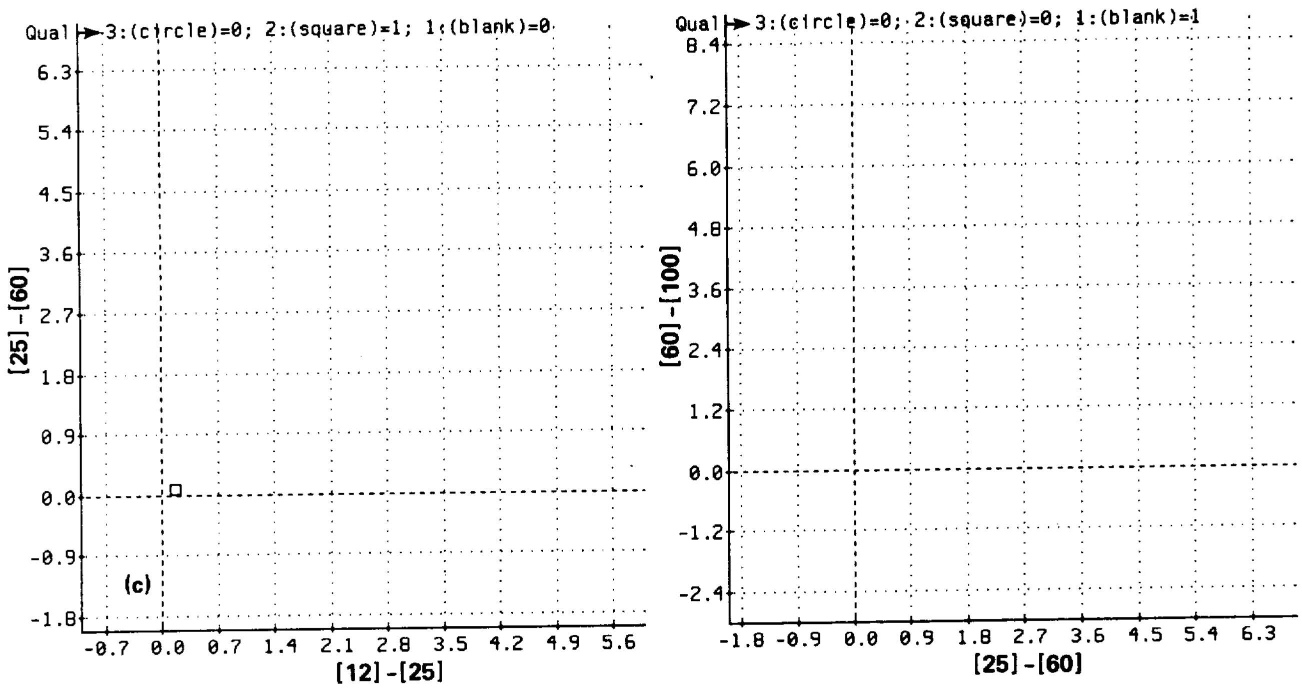
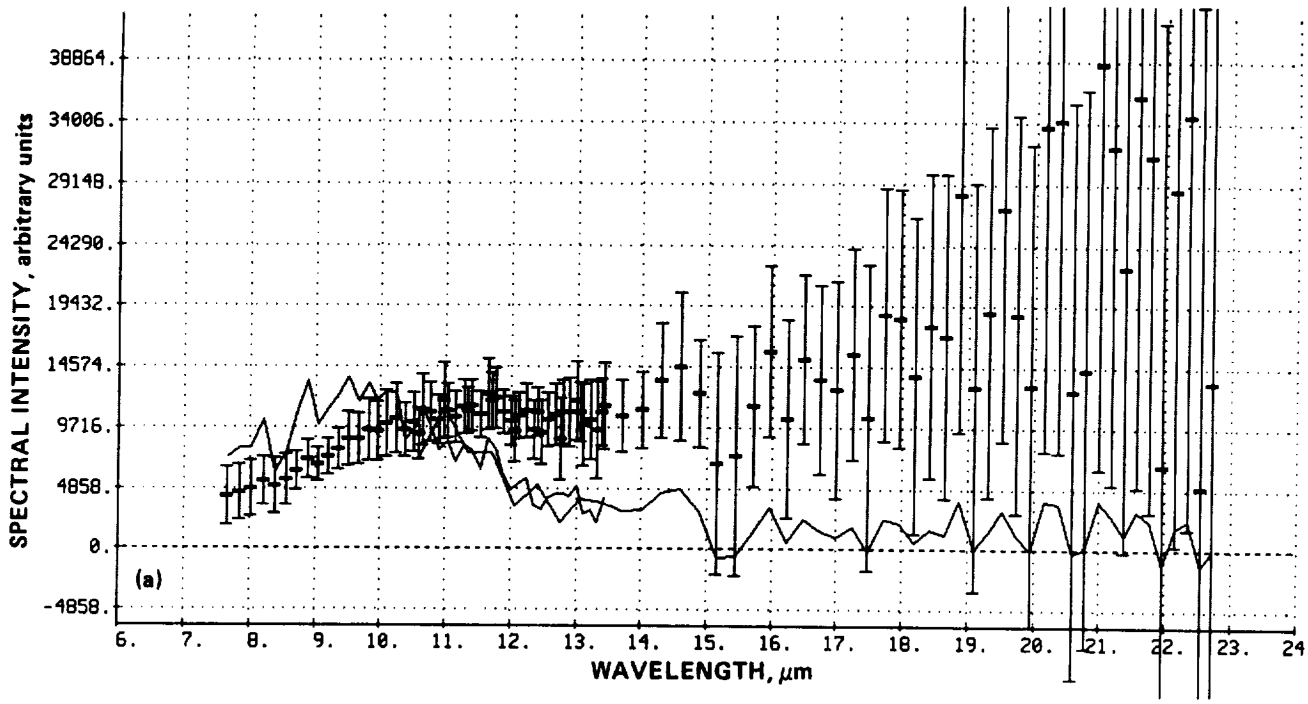


Figure 60.– Concluded. (c) Color-color.

Commentary for Class 57/λ13

Source count: 1; Source type: Not defined; S/N: Very noisy.

No comments.



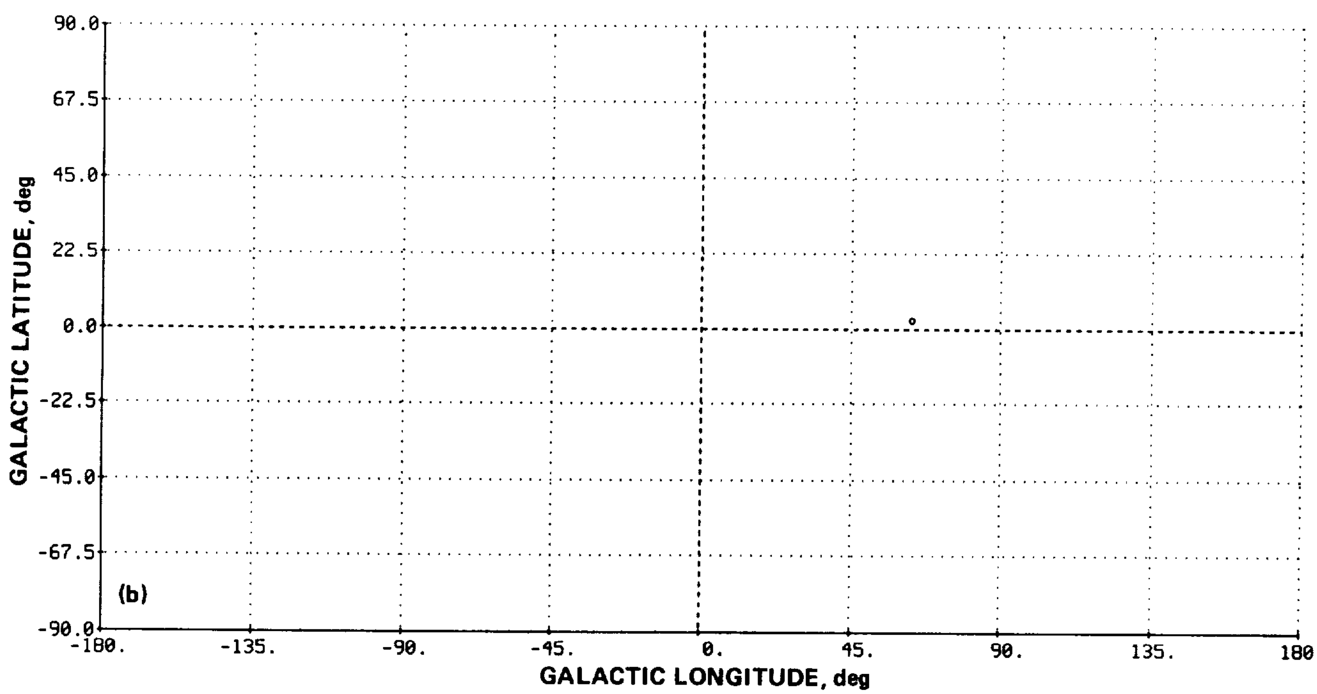


Figure 61.– Plots for Class 58/λ14. (a) Spectral; (b) galactic.

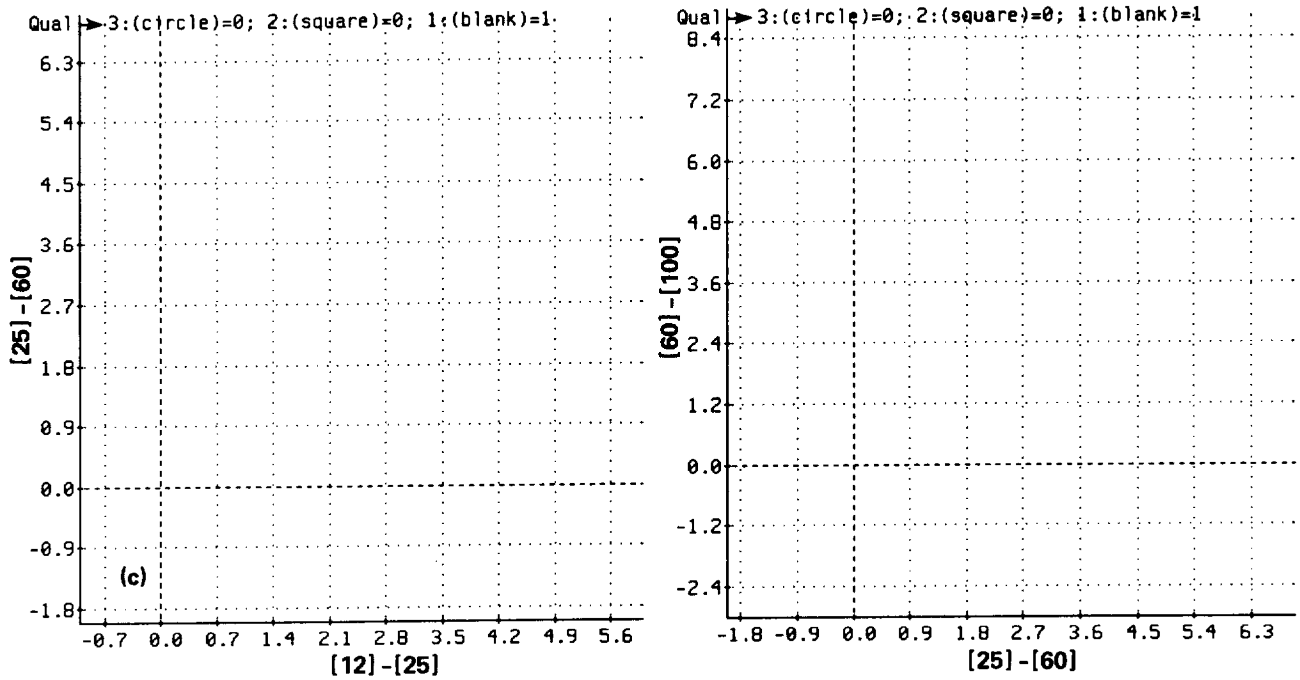
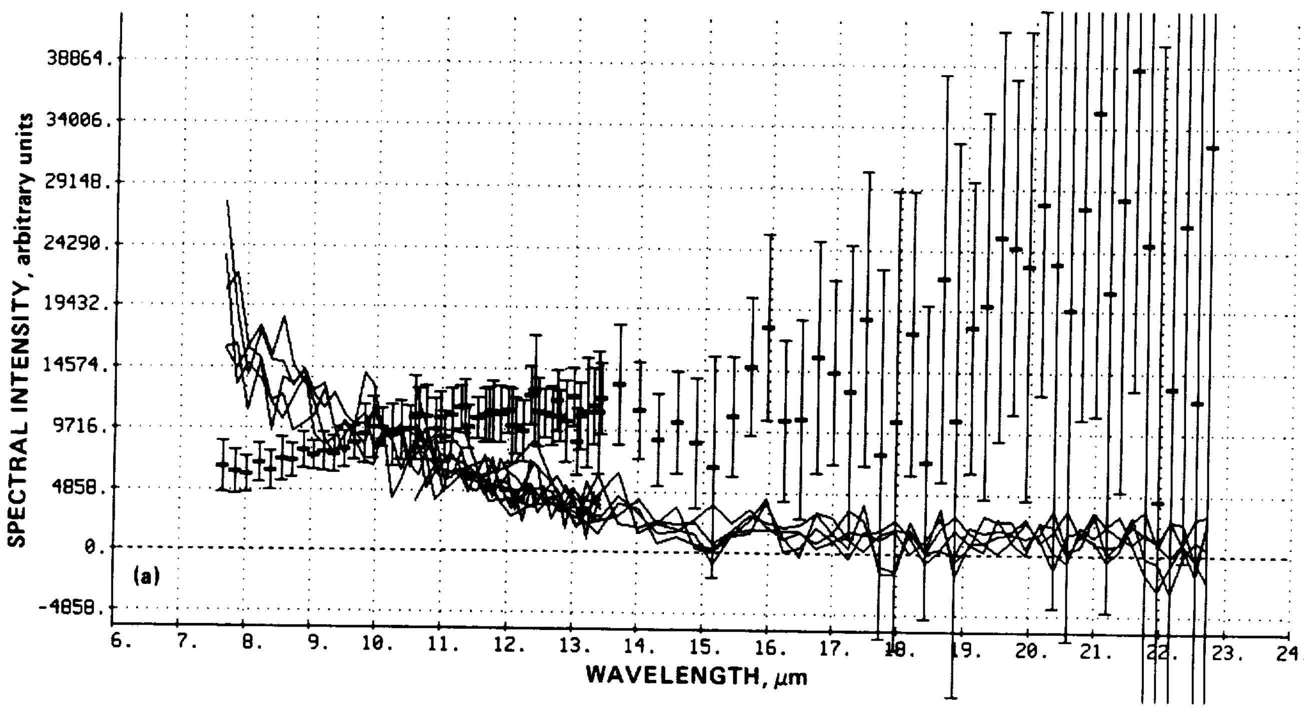


Figure 61.– Concluded. (c) Color-color.

Commentary for Class 58/λ14

Source count: 1; Source type: Not defined; S/N: Very noisy.

No comments.



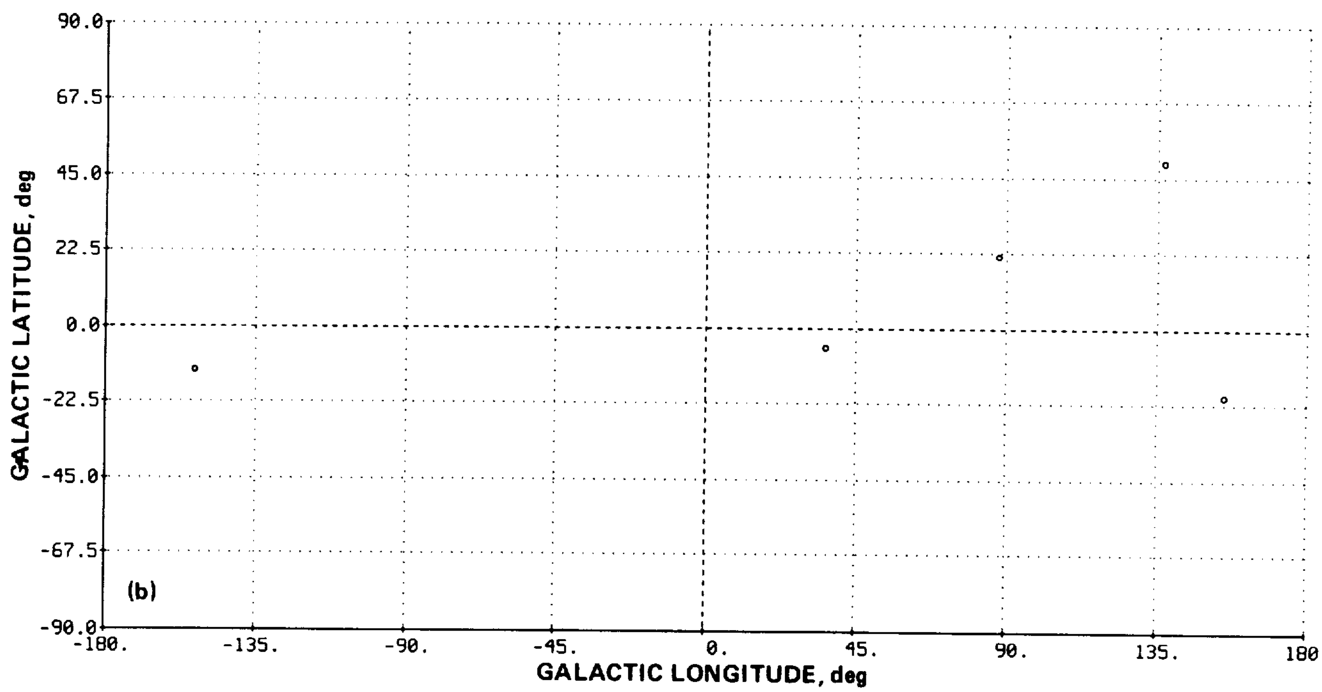
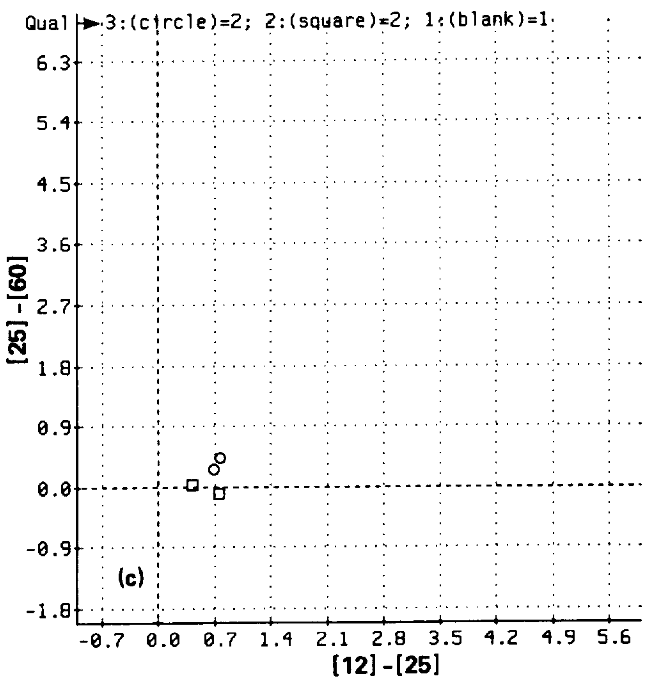


Figure 62.– Plots for Class 59/λ15. (a) Spectral; (b) galactic.



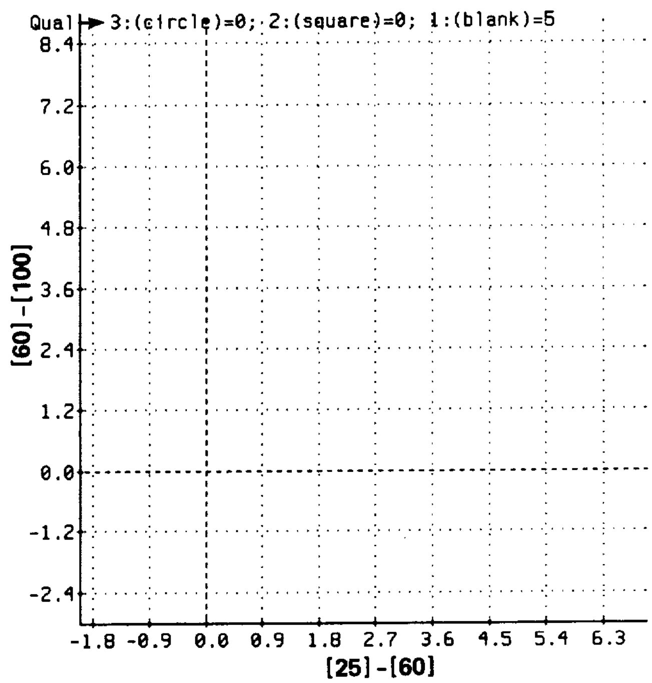


Figure 62.– Concluded. (c) Color-color.

Commentary for Class 59/λ15

Source count: 1; Source type: Not defined; S/N: Extremely noisy.

No comments.

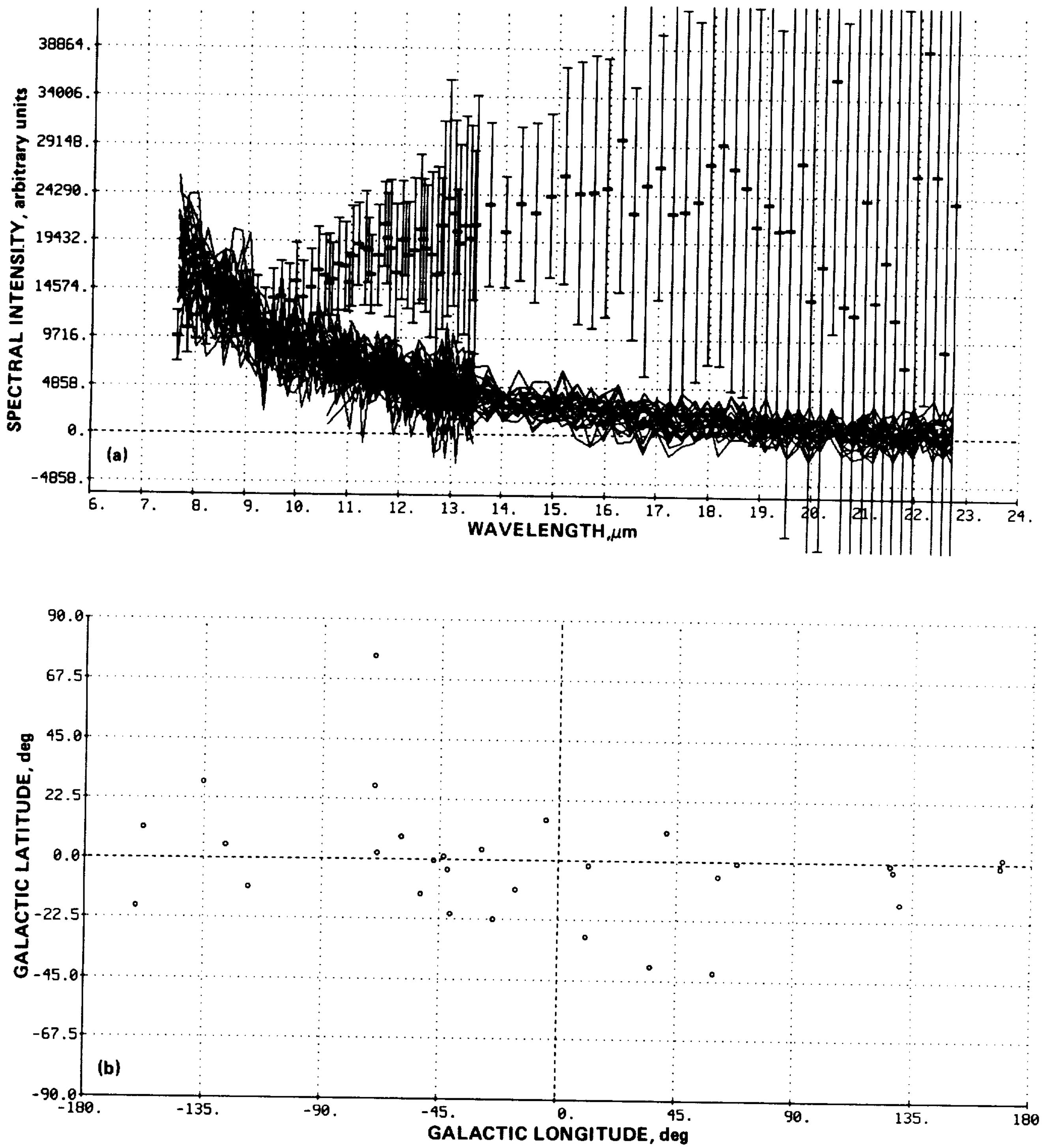


Figure 63.– Plots for Class 60/λ16. (a) Spectral; (b) galactic.

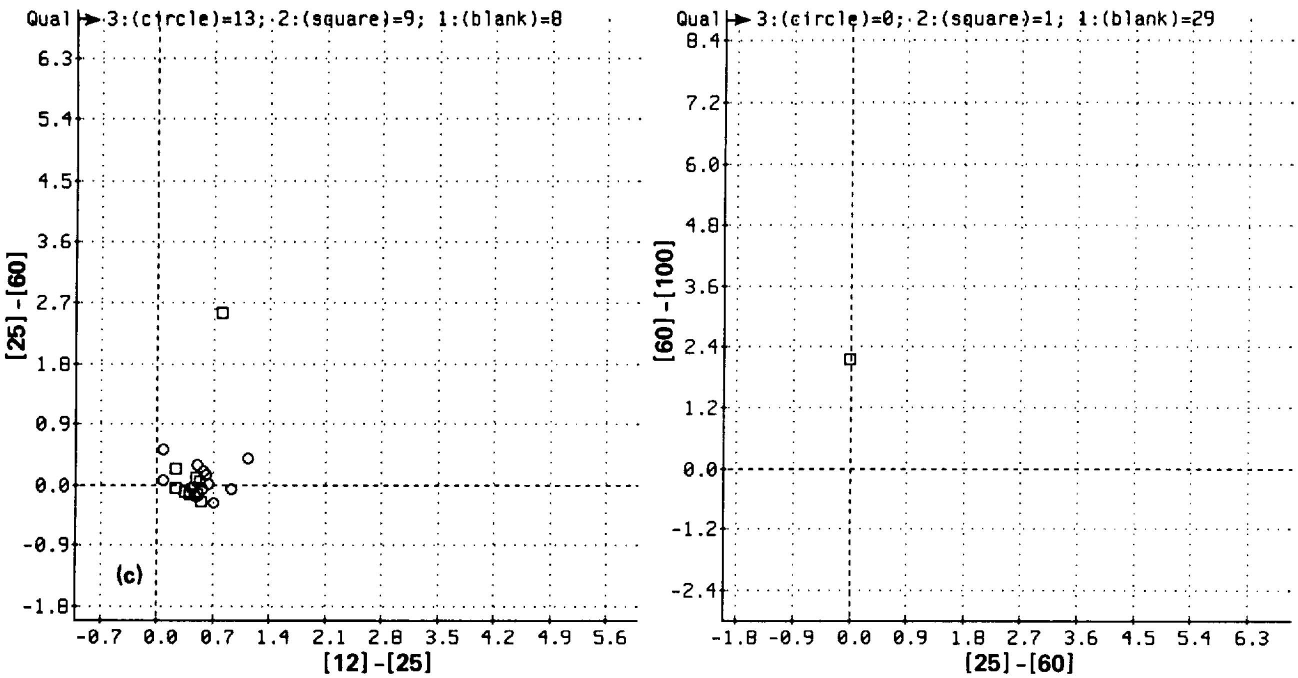


Figure 63.– Concluded. (c) Color-color.

Commentary for Class 60/λ16

Source count: 30; Source type: Not defined; S/N: Extremely noisy.

This class appears to contain featureless spectra, but they are very noisy, and they may have a problem with the longer wavelength baseline. The colors of the sources suggest that the class is oxygen-rich. The LRS continuum suggests a temperature of around 1,000 K, and the colors imply a temperature higher than 700 K. The sources are moderately confined to the galactic plane, and are found at all galactic longitudes. Of the 30 sources, 21 have associations, often, where spectral type are available, to late *M* stars.

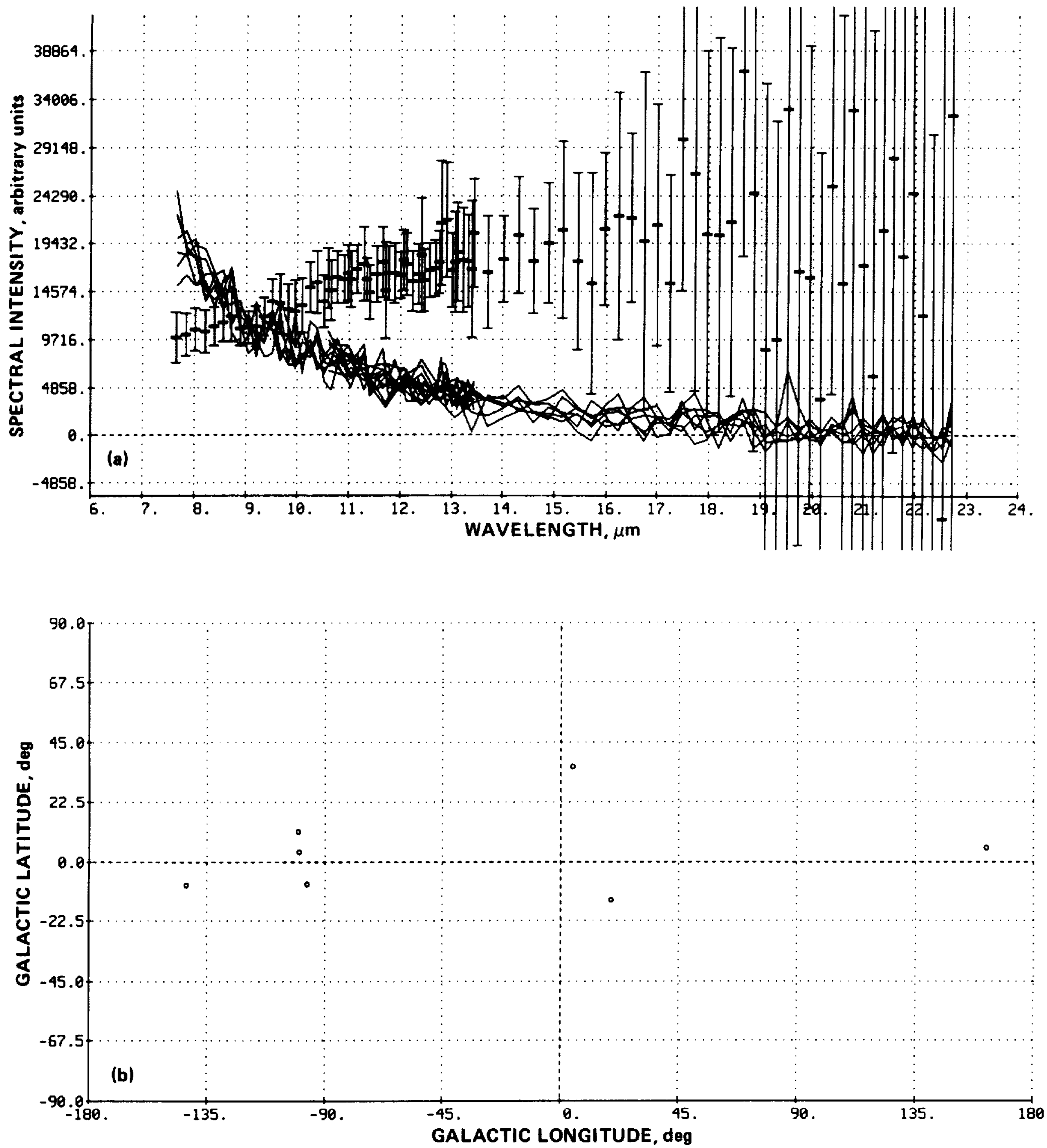


Figure 64.– Plots for Class 61/λ17. (a) Spectral; (b) galactic.

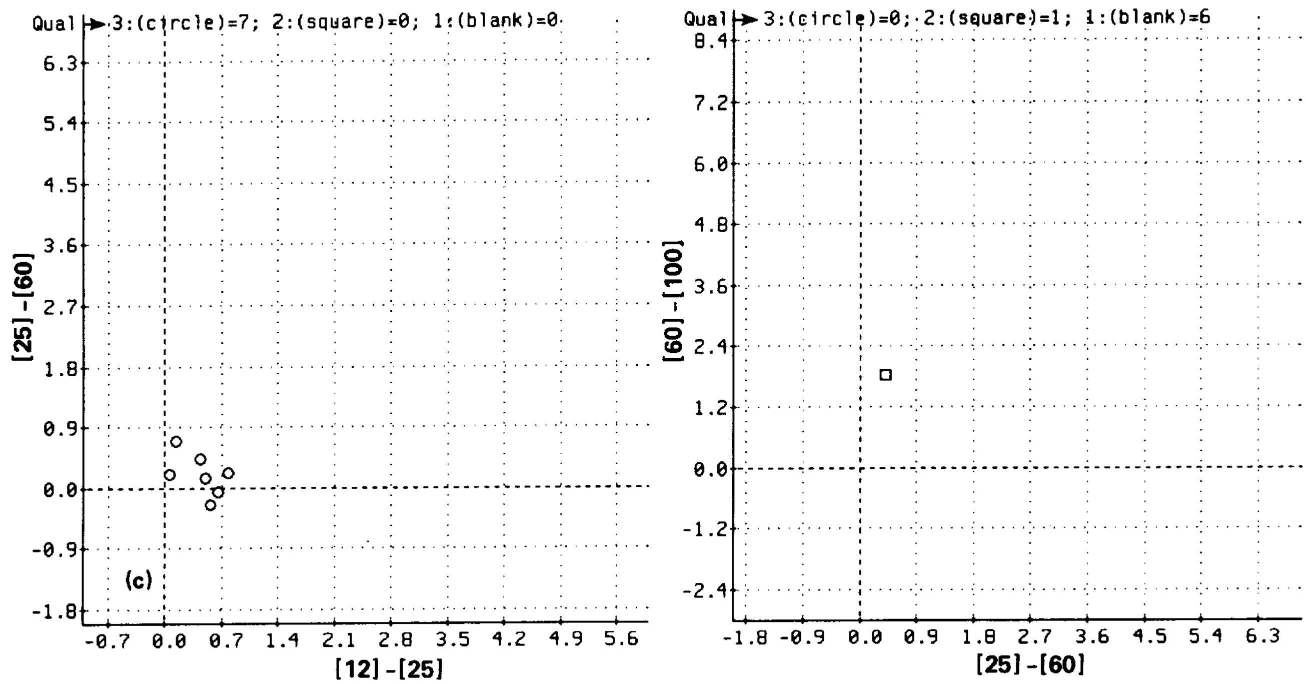
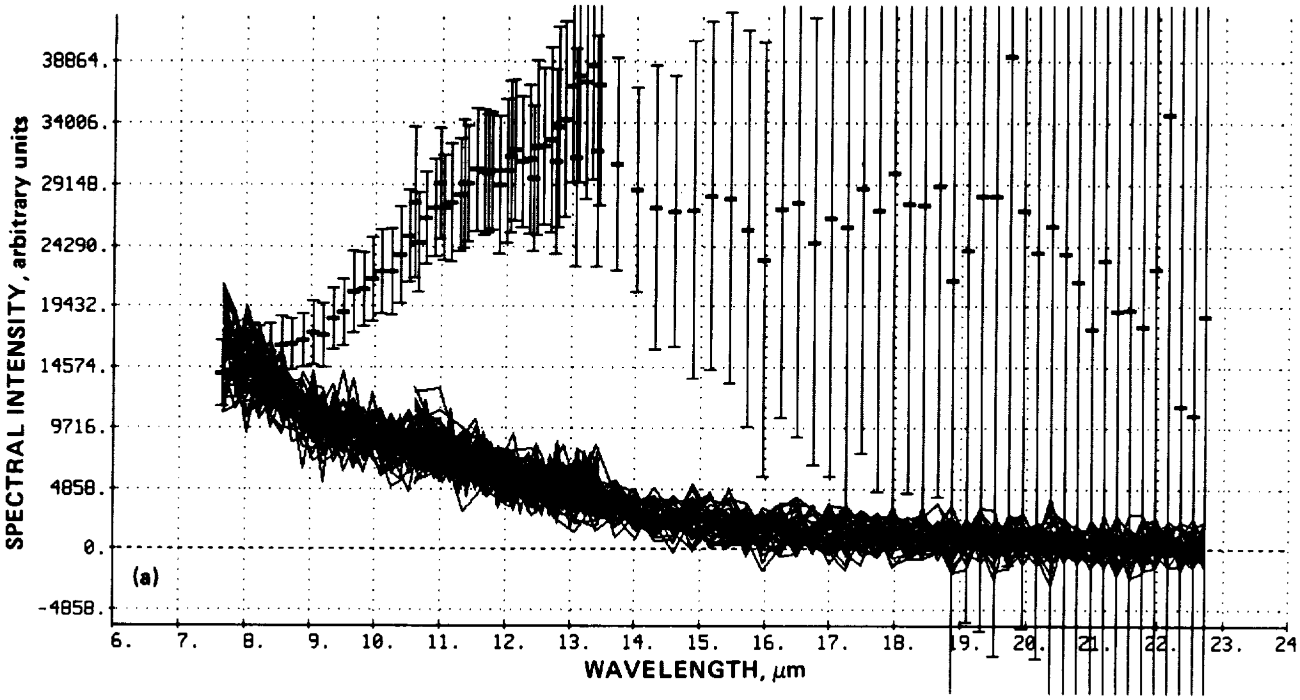


Figure 64.– Concluded. (c) Color-color.

Commentary for Class 61/λ17

Source count: 7; Source type: Not defined; S/N: Very noisy.

These sources show featureless spectra, but they are very noisy and may have a problem with the longer wavelength baseline. The colors of the sources suggest that the class may be oxygen-rich. The LRS continuum suggests a temperature of 1,000 K, and the colors imply a temperature higher than 500 K. The sources are not confined to the galactic plane, or to the inner galaxy. Six of the seven sources have associations, and of those, three are to stars with spectral type *M*.



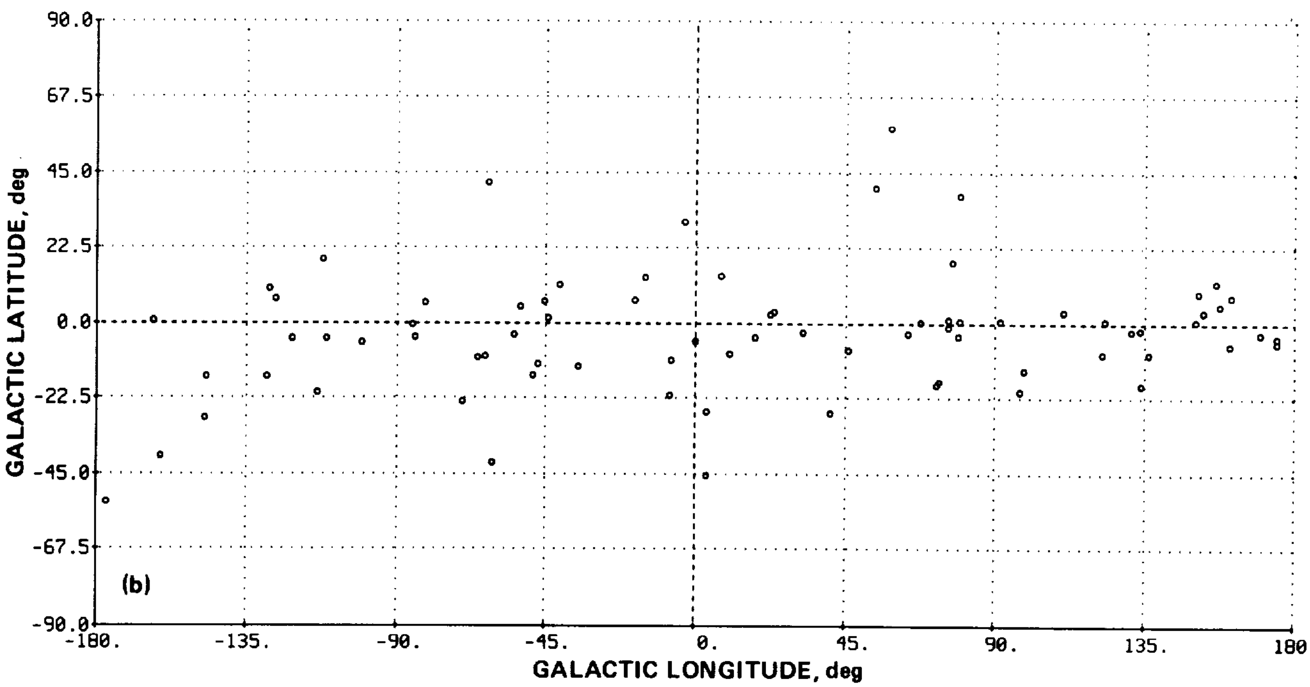


Figure 65.– Plots for Class 62/λ18. (a) Spectral; (b) galactic.

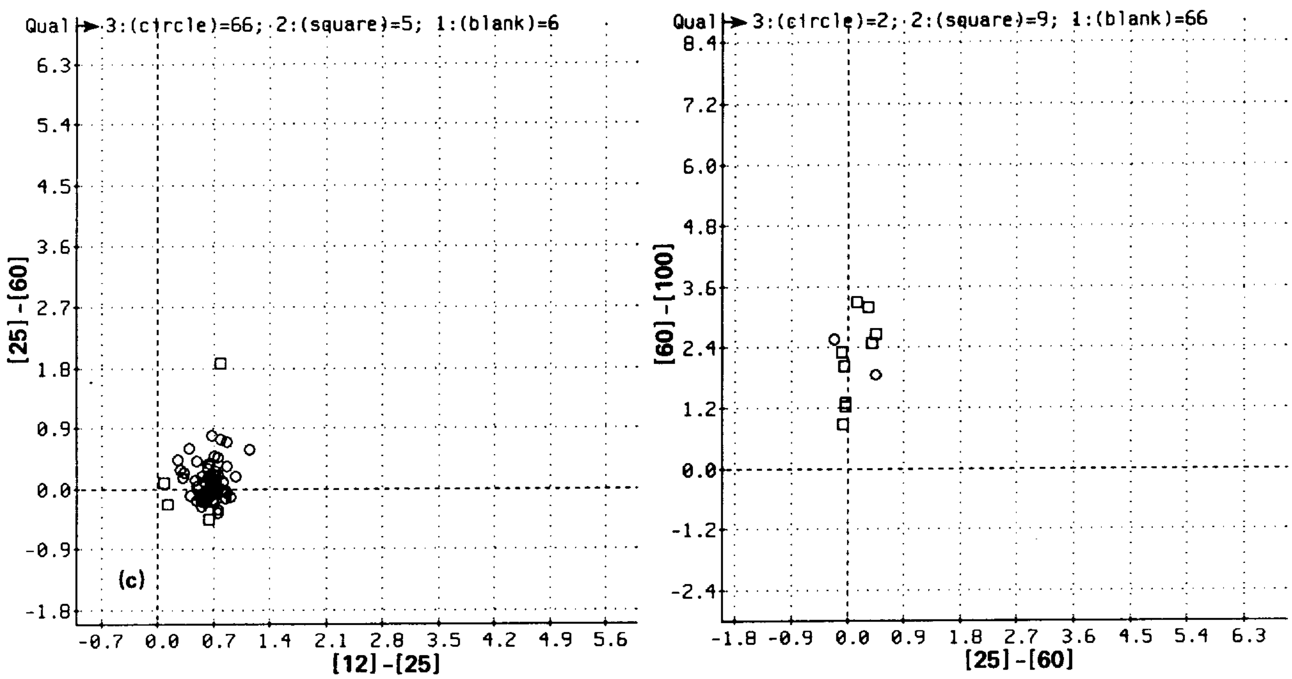


Figure 65.– Concluded. (c) Color-color.

Commentary for Class 62/λ18

Source count: 77; Source type: Featureless; S/N: Noisy.

These sources are mostly featureless, but some may have absorption at the blue end of the spectrum; and some may show emission at 13 μm. The LRS continuum suggests a temperature of 1,000 K or 10,000 K (depending on the short wavelength absorption), and the colors imply a range of temperature from 400 K to 1,000 K. The sources are moderately concentrated towards the galactic plane, and are found at all galactic longitudes. Using a scale height of 200 pc, an estimated mean distance of 900 pc is found. About 30% of the sources have no associations. Many sources have associations only with infrared catalogs. Where there are stellar associations, they are typically faint (m_V around 11 or 12) variable stars (spectral type *M5* or *M6*). One source is associated with an *M2Iab* star. The 12 μm flux density ranges from 8.43 Jy to 24.62 Jy. About 10% of the sources have VAR >= 90, and just over 50% have VAR =< 20. This class, like class 69/λ25, contains sources with very tenuous dust shells. This class has an estimated M_{12} of -8.4.

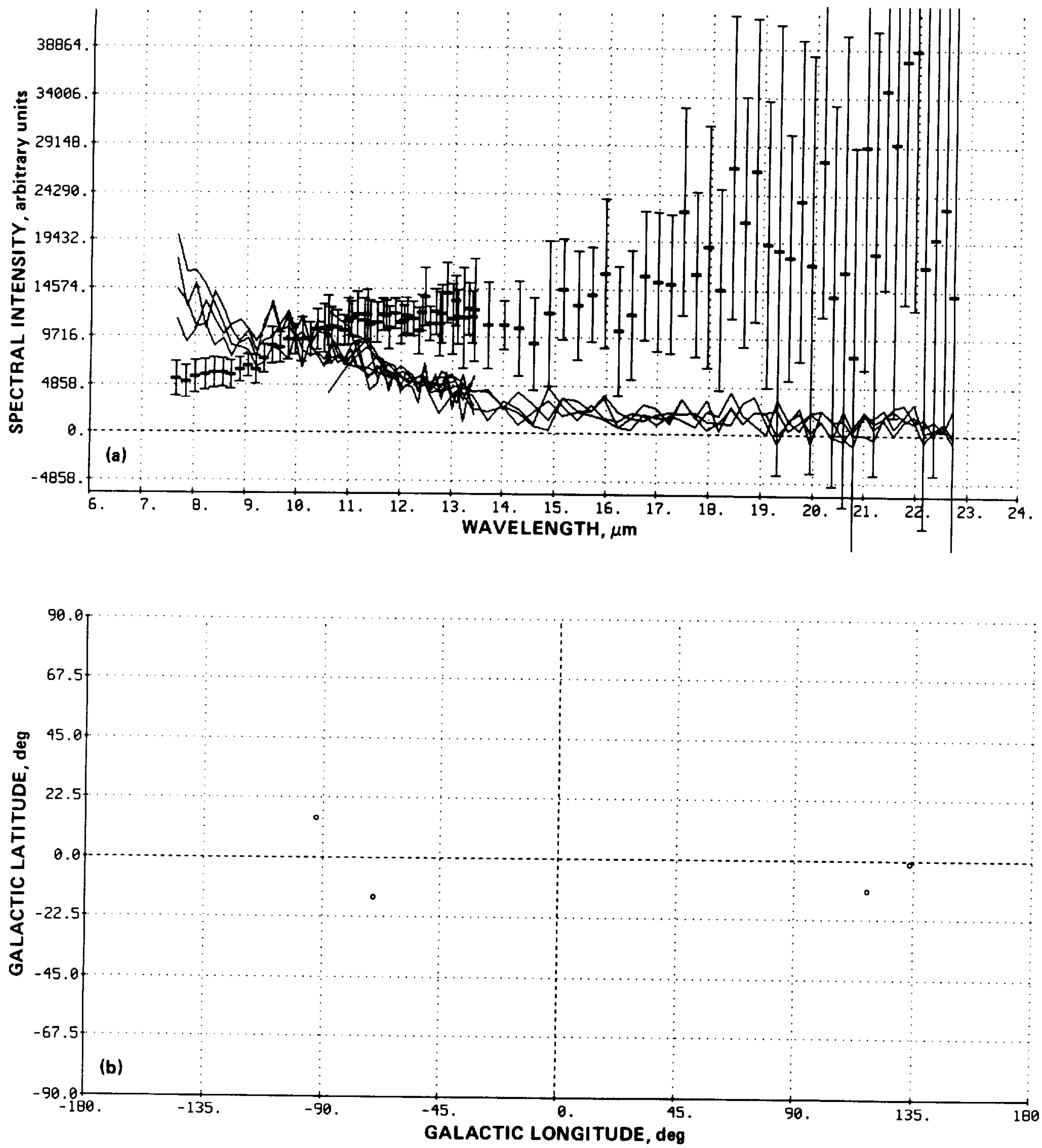


Figure 66.– Plots for Class 63/λ19. (a) Spectral; (b) galactic.

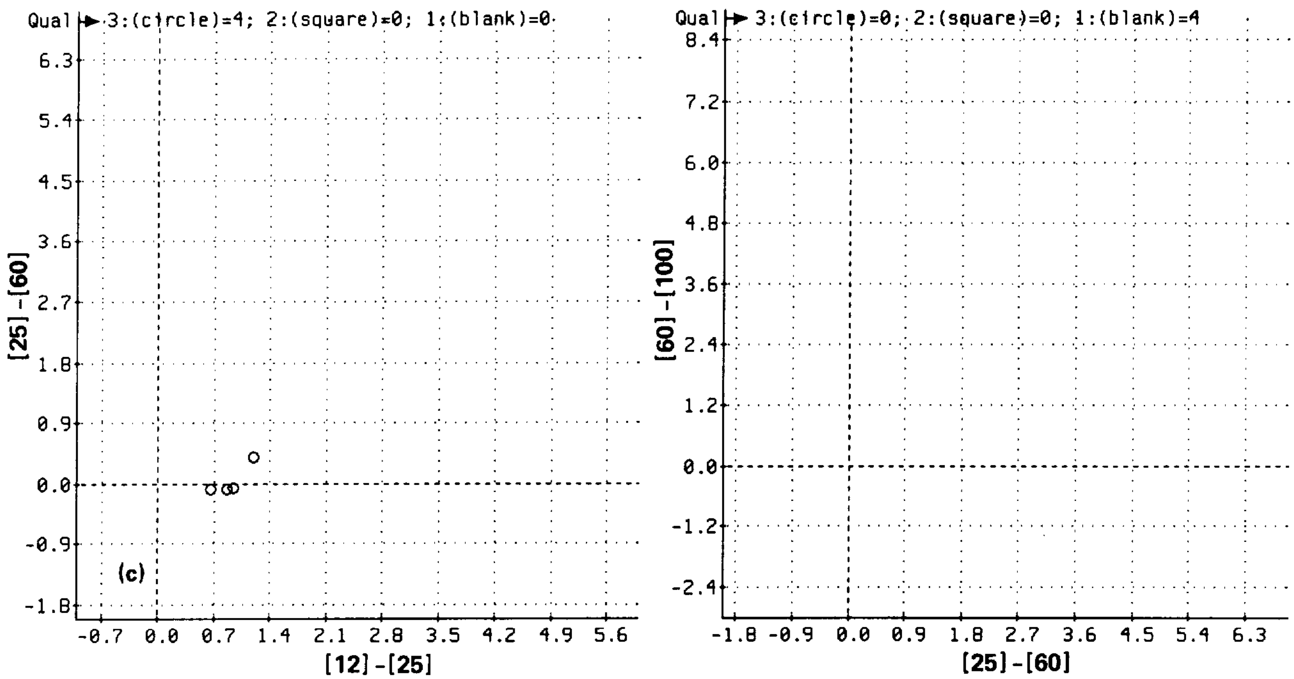


Figure 66.– Concluded. (c) Color-color.

Commentary for Class 63/λ19

Source count: 4; Source type: Not defined; S/N: Extremely noisy.

No comments.

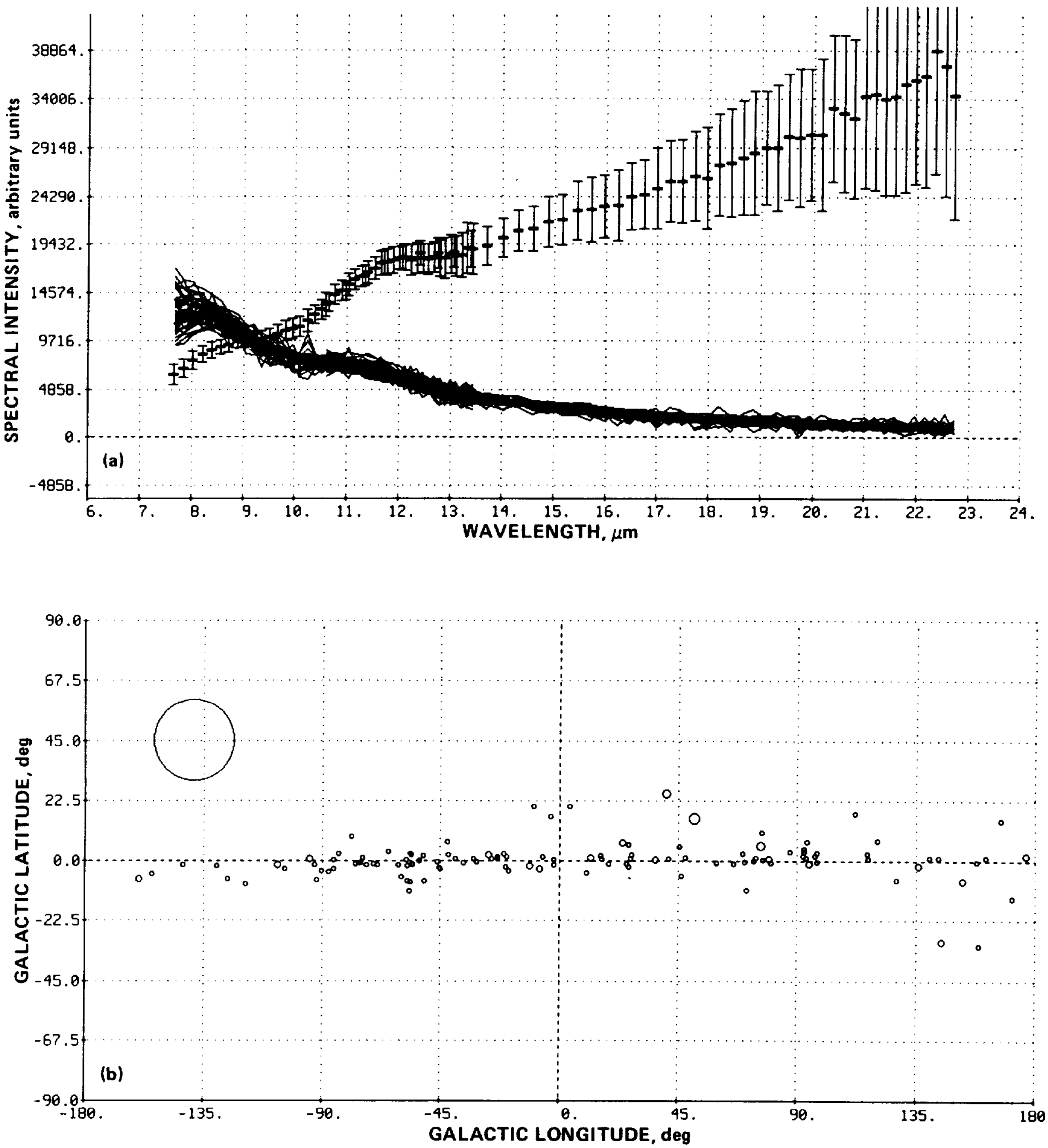


Figure 67.– Plots for Class 64/λ20. (a) Spectral; (b) galactic.

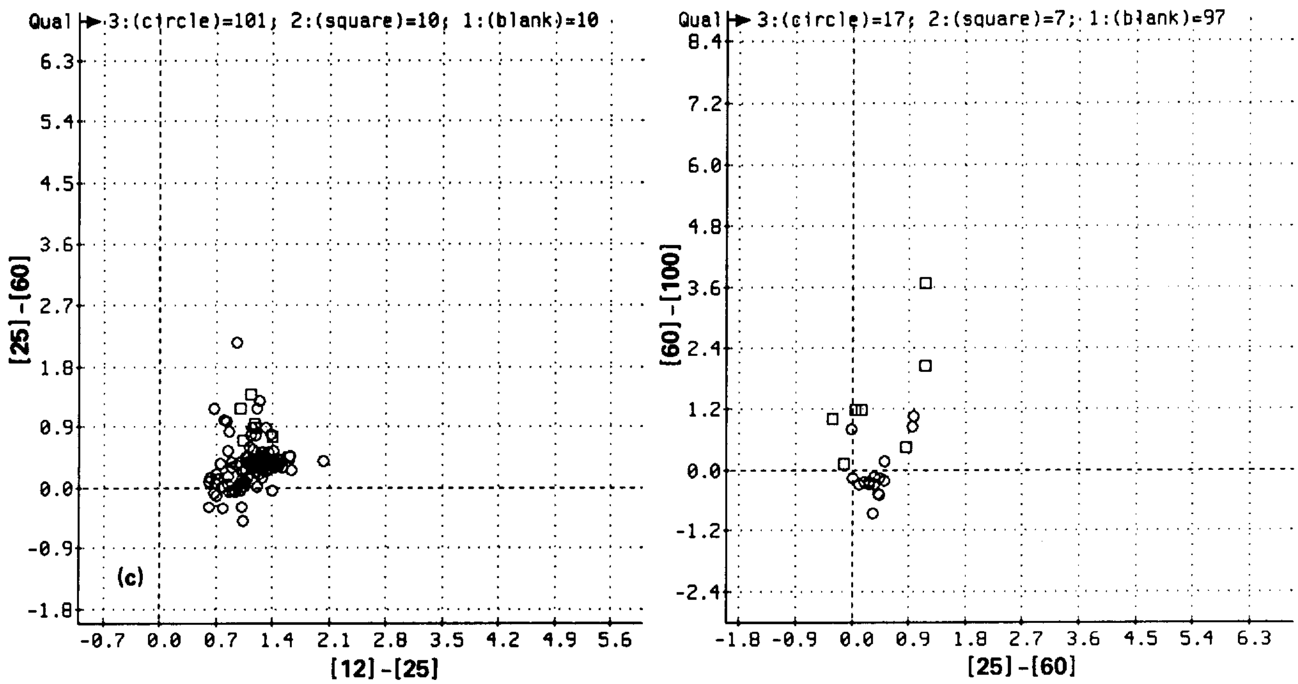
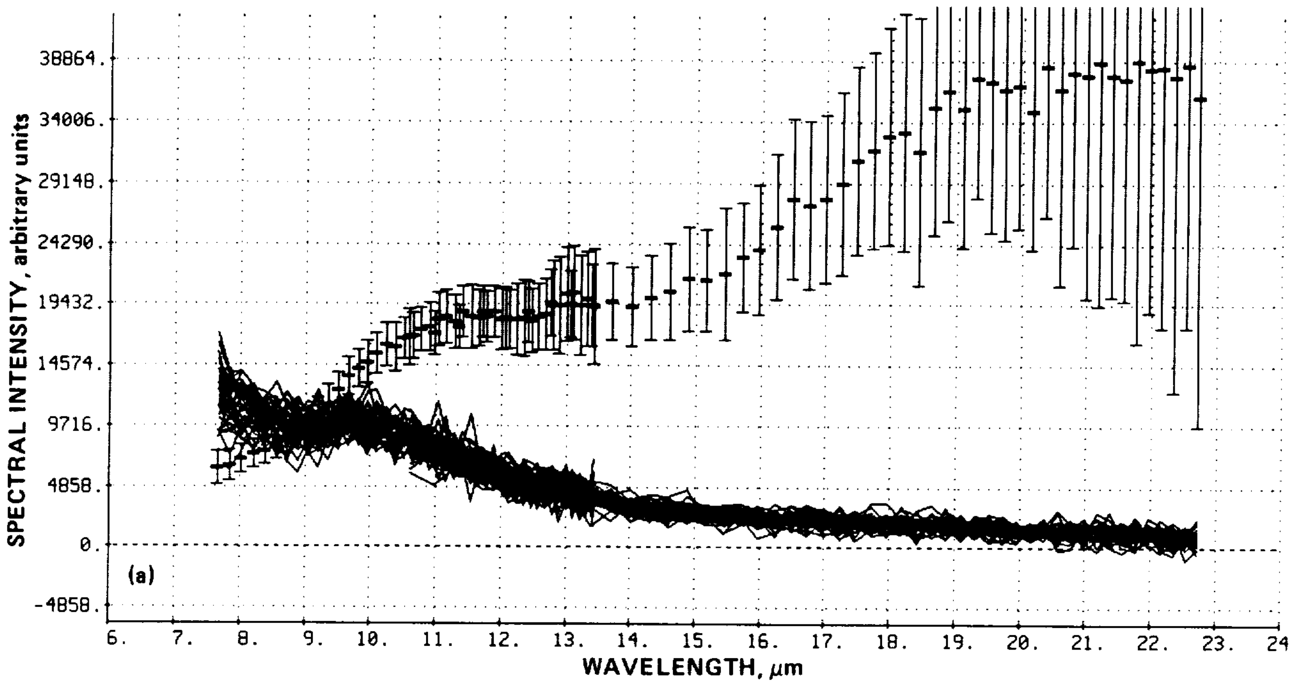


Figure 67.– Concluded. (c) Color-color.

Commentary for Class 64/λ20

Source count: 121; Source type: Carbon-rich*; S/N: High.

These sources show a weak emission feature around 11.5 μm, but the colors suggest the class may be a mixture of oxygen-rich and carbon-rich stars. *IRC+10216* is a member of this class. The LRS continuum suggests a temperature of 500 K (much cooler than the other classes in the α metaclass), and the colors imply a range of temperature from 350 K to 1,000 K. The sources are generally more concentrated towards the galactic plane, suggesting a distance of 3 kpc (assuming a scale height of 200 pc). Only 8 out of the 121 sources have associations with stellar catalogs; almost 80% have no association or are associated only with the RAFGL catalog (catalog number 3). One source is associated with a planetary nebula, but this is probably a chance coincidence. The 12 μm flux density ranges from 13.75 Jy to 558.6 Jy (with 47350 Jy for IRC+10216). Around 40% of these sources have VAR >= 90. These sources are probably mainly carbon stars with extremely thick circumstellar dust shells.



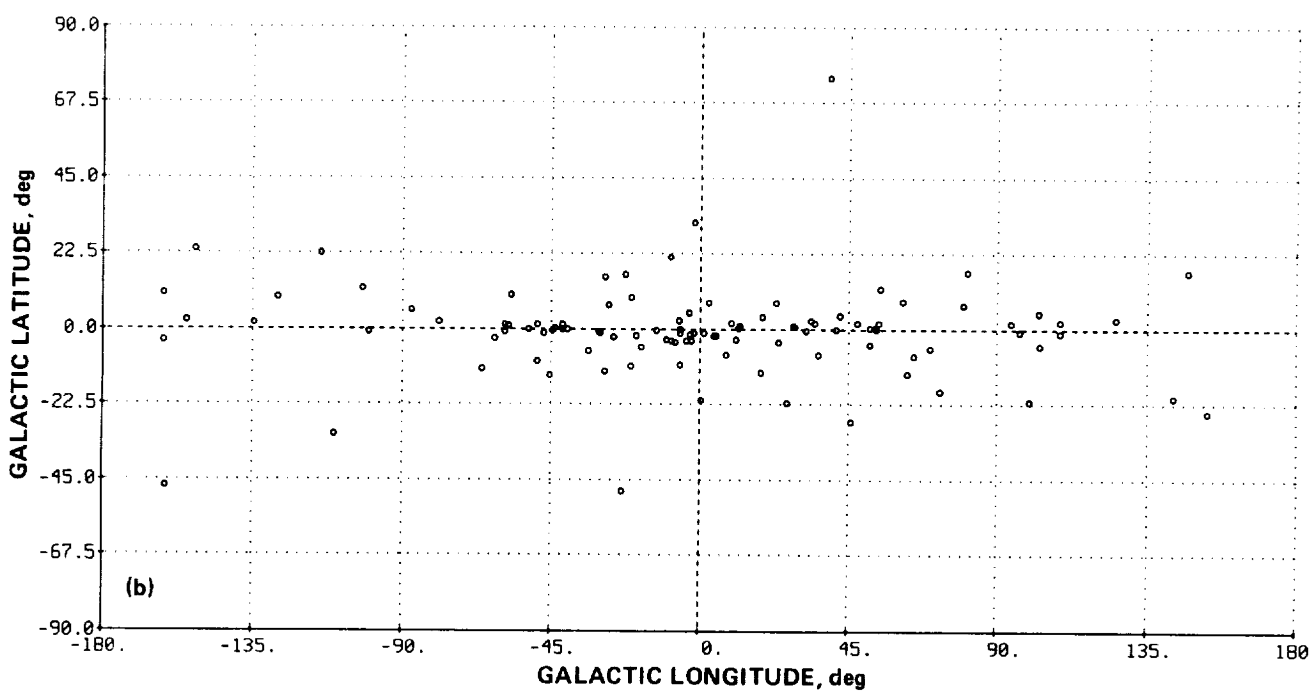


Figure 68.– Plots for Class 65/λ21. (a) Spectral; (b) galactic.

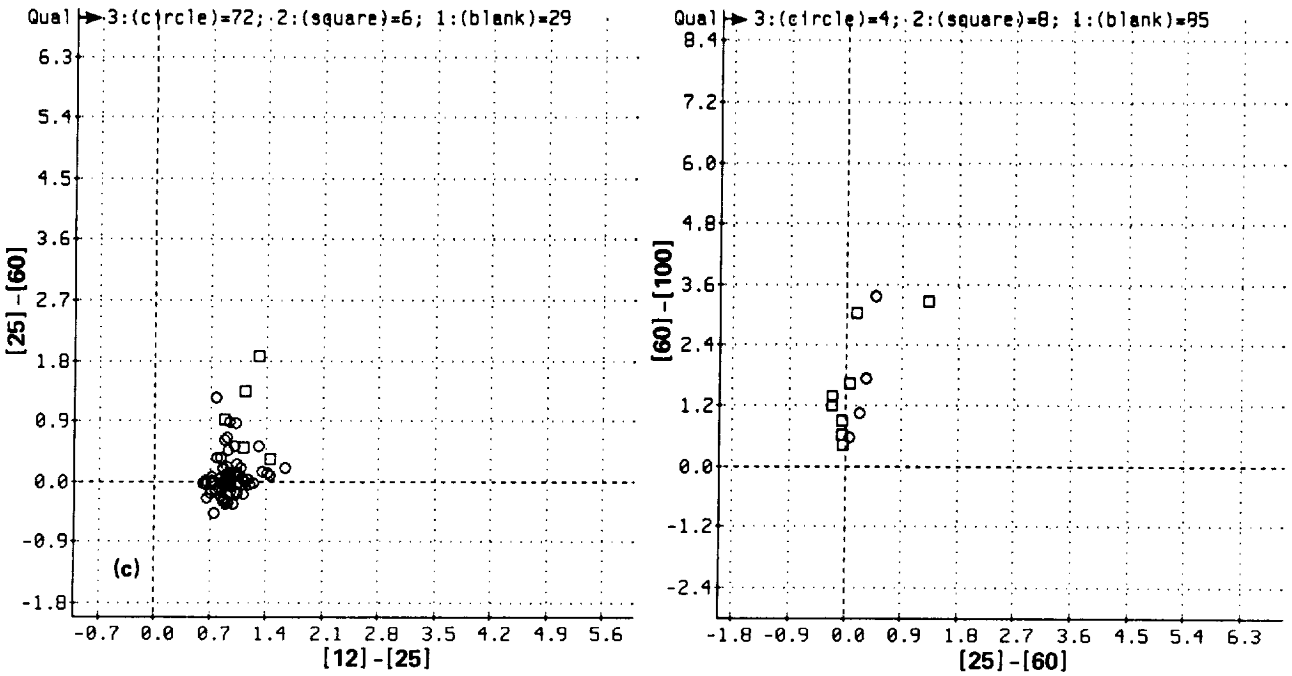


Figure 68.– Concluded. (c) Color-color.

Commentary for Class 65/λ21

Source count: 107; Source type: Oxygen-rich/emission D; S/N: Good.

These sources show weak emission features at 9.7 μm, 13 μm and 20 μm. The LRS continuum suggests a temperature of 600 K and the colors imply a range in temperature from 400 K to 1,000 K. These sources are moderately concentrated in galactic latitude towards the plane, and show a tendency to concentrate towards the galactic center. Their distribution is similar to that of class 7/β0. Just over half the sources have associations, split between irregular variables and short period semi-regular variables, with a few long period *Miras*. The 12 μm flux density ranges from 10.22 Jy to 38.45 Jy. Around 28% of the sources have VAR >= 90. There appear to be a few local sources of low luminosity in this class, judging from the unusually high galactic latitudes of some sources. M_{12} is estimated to be -10.2.

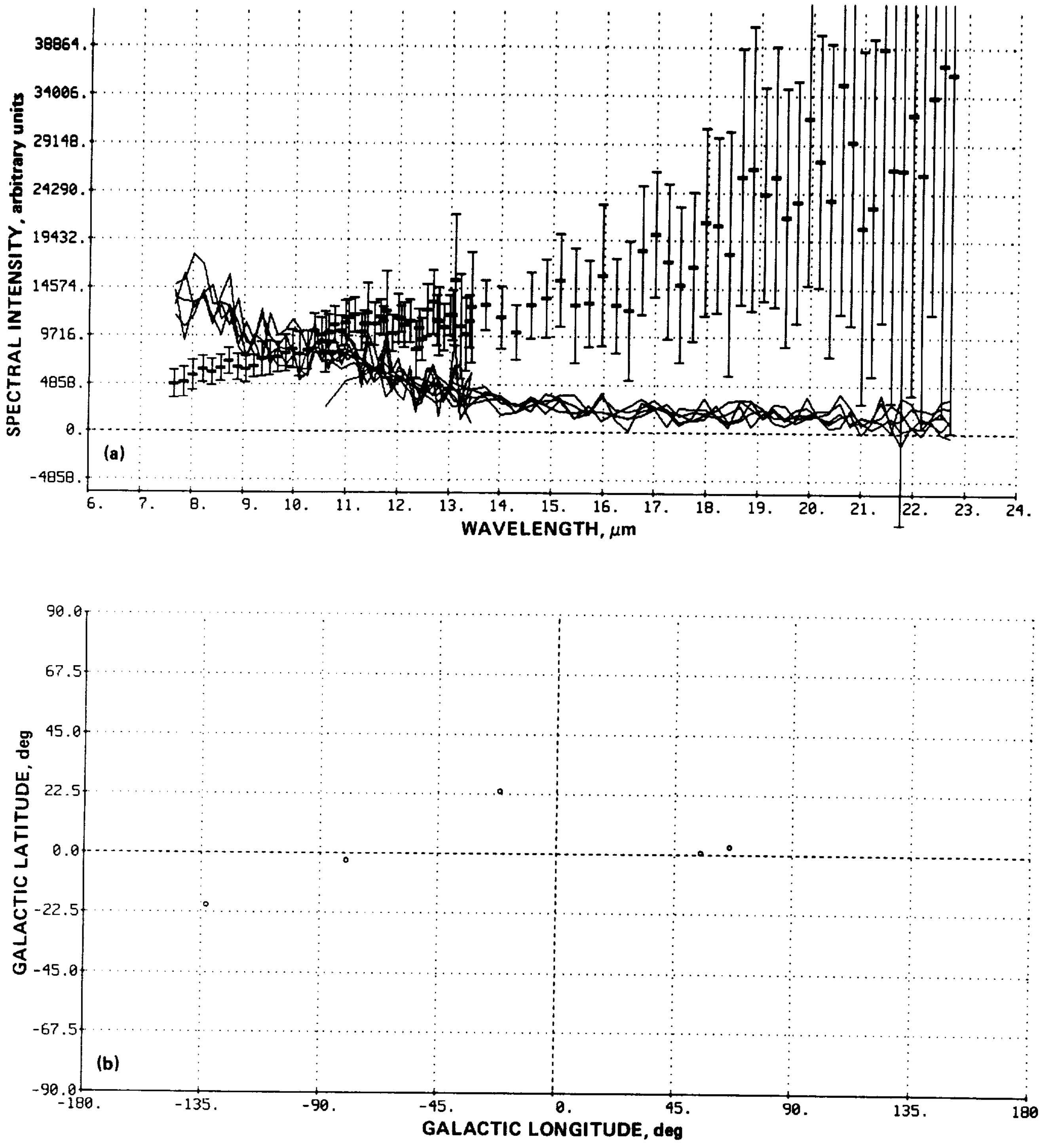


Figure 69.– Plots for Class 66/λ22. (a) Spectral; (b) galactic.

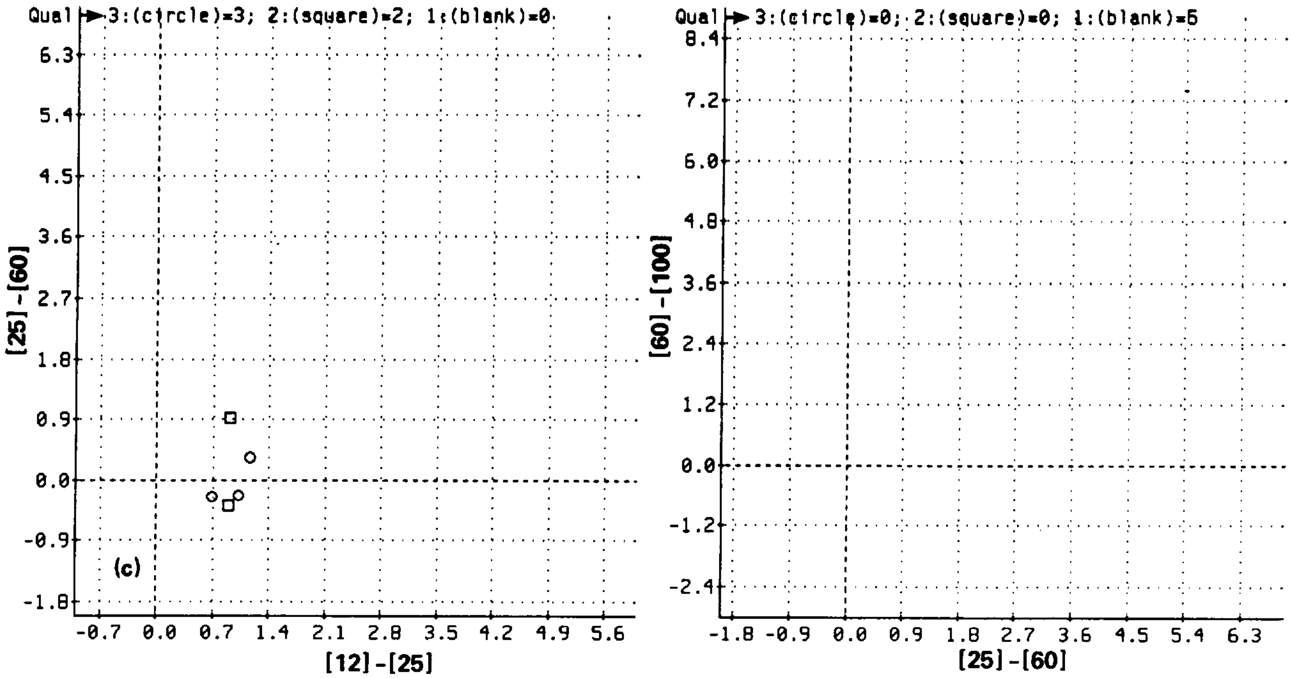


Figure 69.– Concluded. (c) Color-color.

Commentary for Class 66/λ22

Source count: 5; Source type: Not defined; S/N: Very noisy.

No comments.

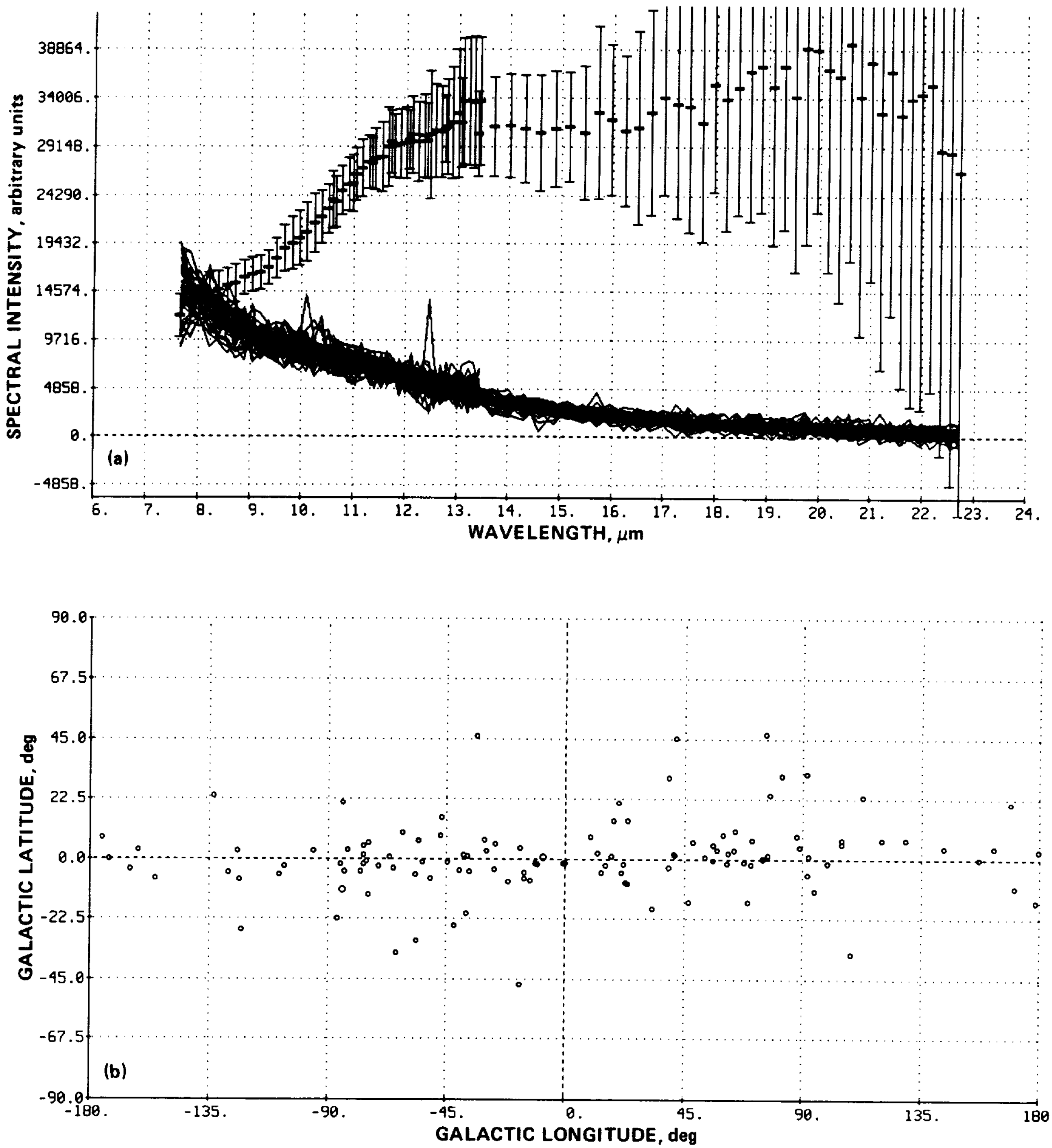


Figure 70.– Plots for Class 68/λ24. (a) Spectral; (b) galactic.

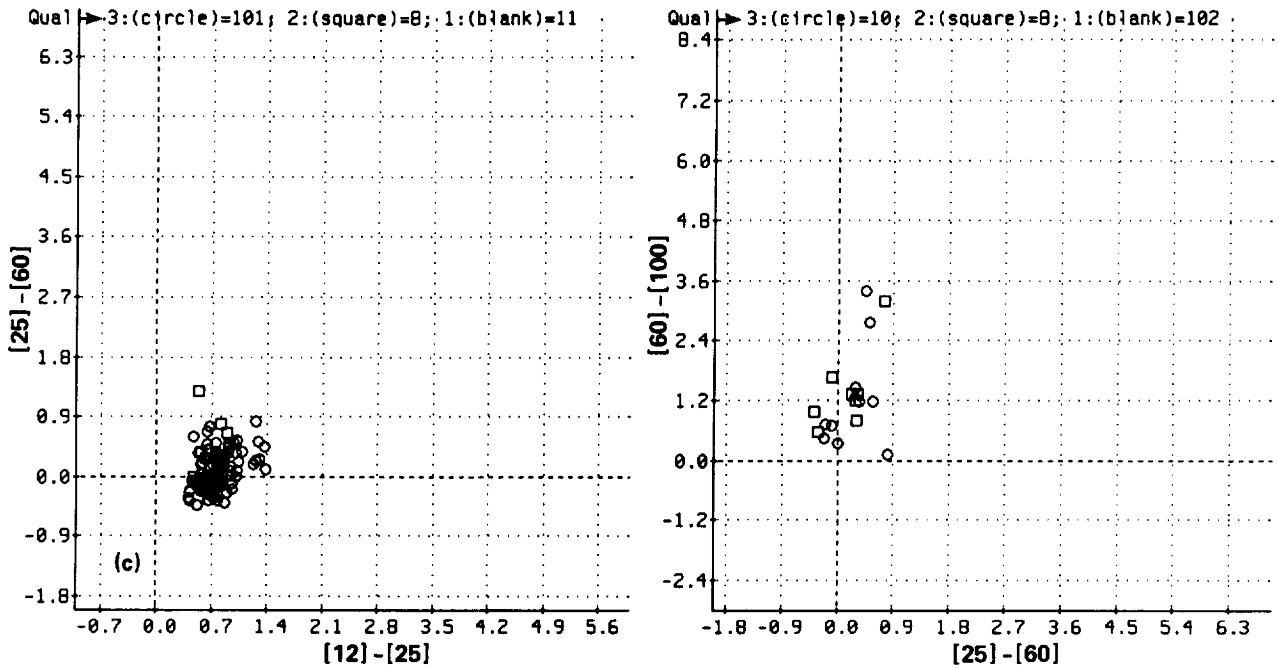


Figure 70.– Concluded. (c) Color-color.

Commentary for Class 68/λ24

Source count: 120; Source type: Oxygen-rich/emission*; S/N: Good.

This class is a mixture of sources very similar to class 51/λ7 but flatter, with one group having emission features at 13 μm and 20 μm, and another group with deeper short wavelength absorption than class 51/λ7. The LRS continuum suggests a temperature of 1,000 K for the group with features, and about 10,000 K for the other group; the colors imply a range from 350 K to 1500 K. The galactic distribution is moderately confined to the plane, and the sources are found at all galactic longitudes. Using a scale height of 200 pc, the estimated mean distance of the sources is 1.2 kpc. About half the sources have no associations, and those sources with associations are usually to an infrared catalog. Very few sources are associated with *SAO* stars, and the available spectral types are for very late *M* spectral types: *M7* to *M9*. The 12 μm flux density ranges from 11.5 Jy to 122.3 Jy. About 20% of the sources have VAR >= 90, and about 30% of the sources have VAR =< 20. This class has an estimated M_{12} of -9.5.

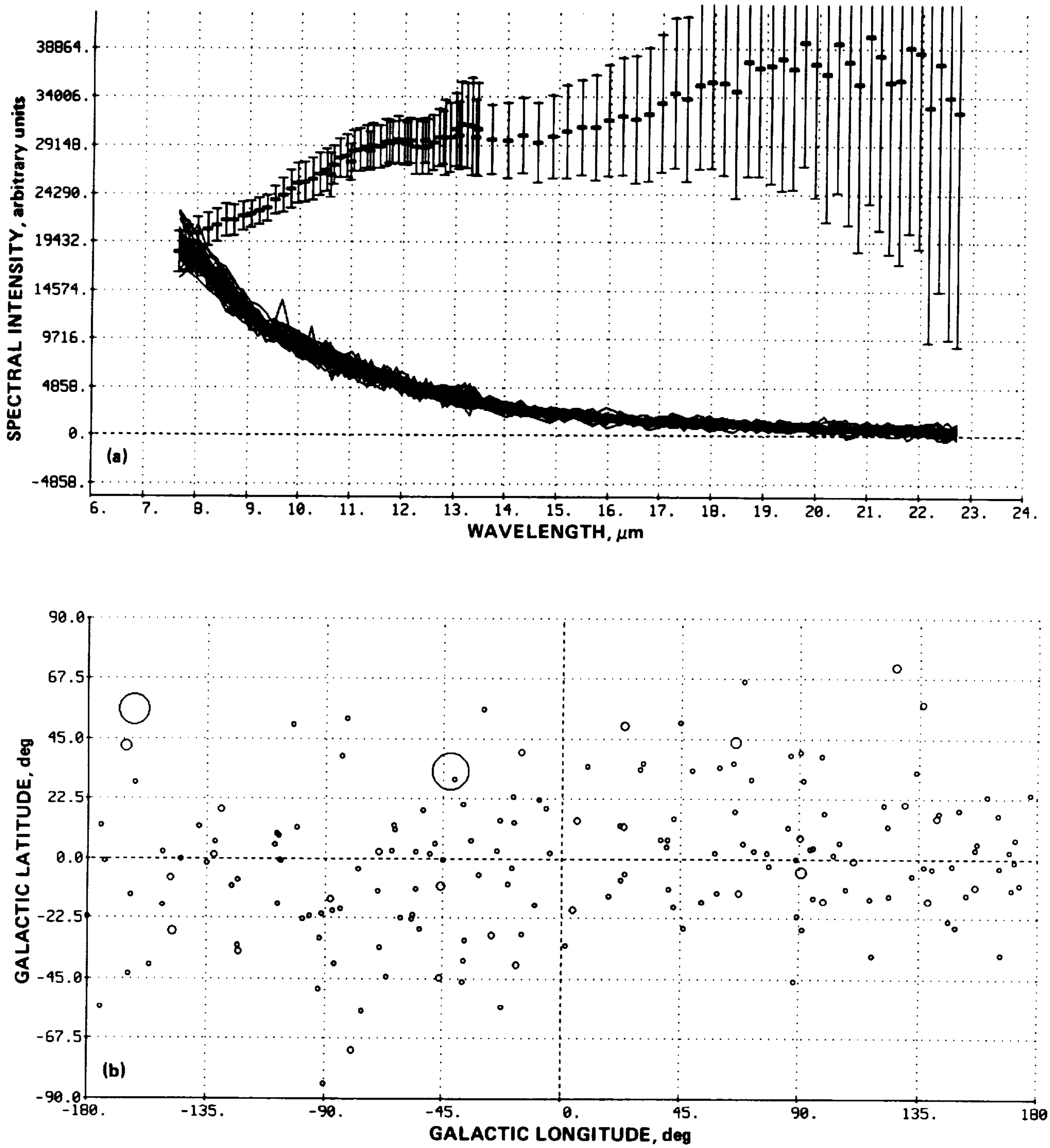


Figure 71.– Plots for Class 69/λ25. (a) Spectral; (b) galactic.

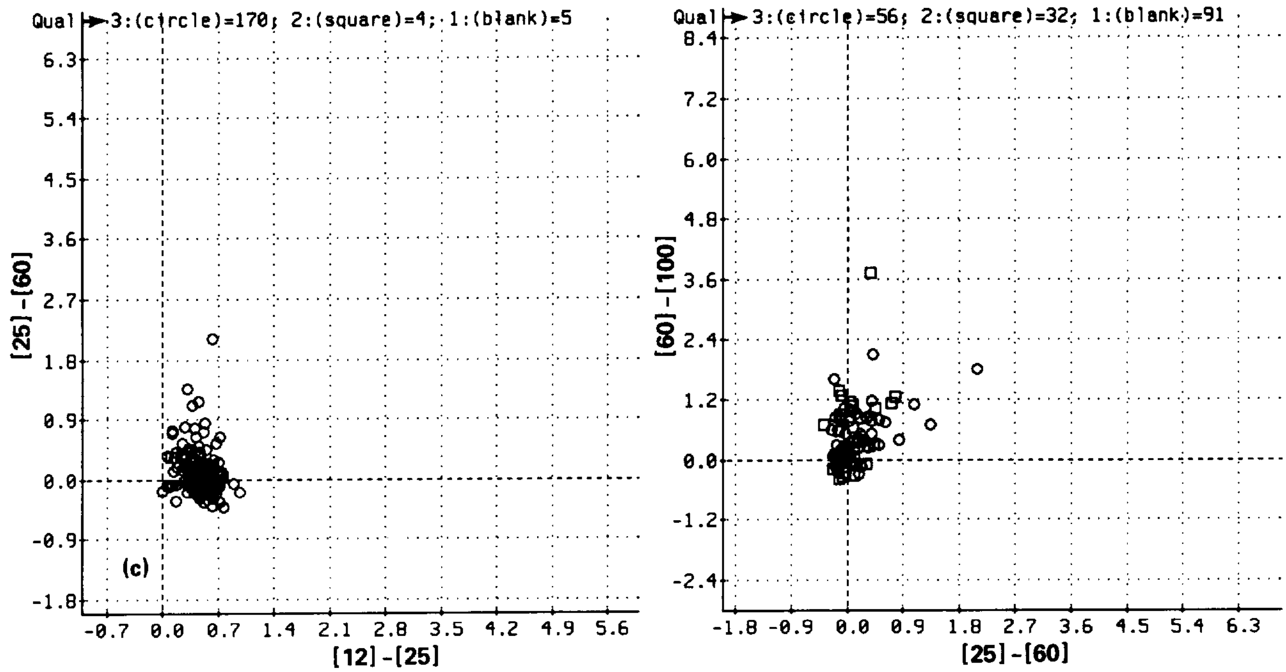


Figure 71.– Concluded. (c) Color-color.

Commentary for Class 69/λ25

Source count: 179; Source type: Oxygen-rich/emission D*; S/N: High.

These sources show very weak features at 11 μm, 13 μm and possibly 20 μm. The LRS continuum suggests a temperature of 1,000 K and the colors imply the temperature is greater than 500 K. The sources are found at all galactic latitudes and longitudes. Using a scale height of 200 pc, an estimated mean distance of 500 pc is found for the sources. Almost all the sources have associations. Most of the sources are associated with short period (=< 100 days) or semi-regular variable stars. The spectral types found are generally around *M5III*. There are 19 sources associated with carbon stars. Four sources are associated with supergiants (two of the supergiants are *R CrB* stars). The 12 μm flux density ranges from 14.39 Jy to 4200 Jy, with 16 sources having flux densities >= 100 Jy. The VAR values are generally low for this class. Excluding the two brightest sources, M_{12} is estimated to be -8.5.

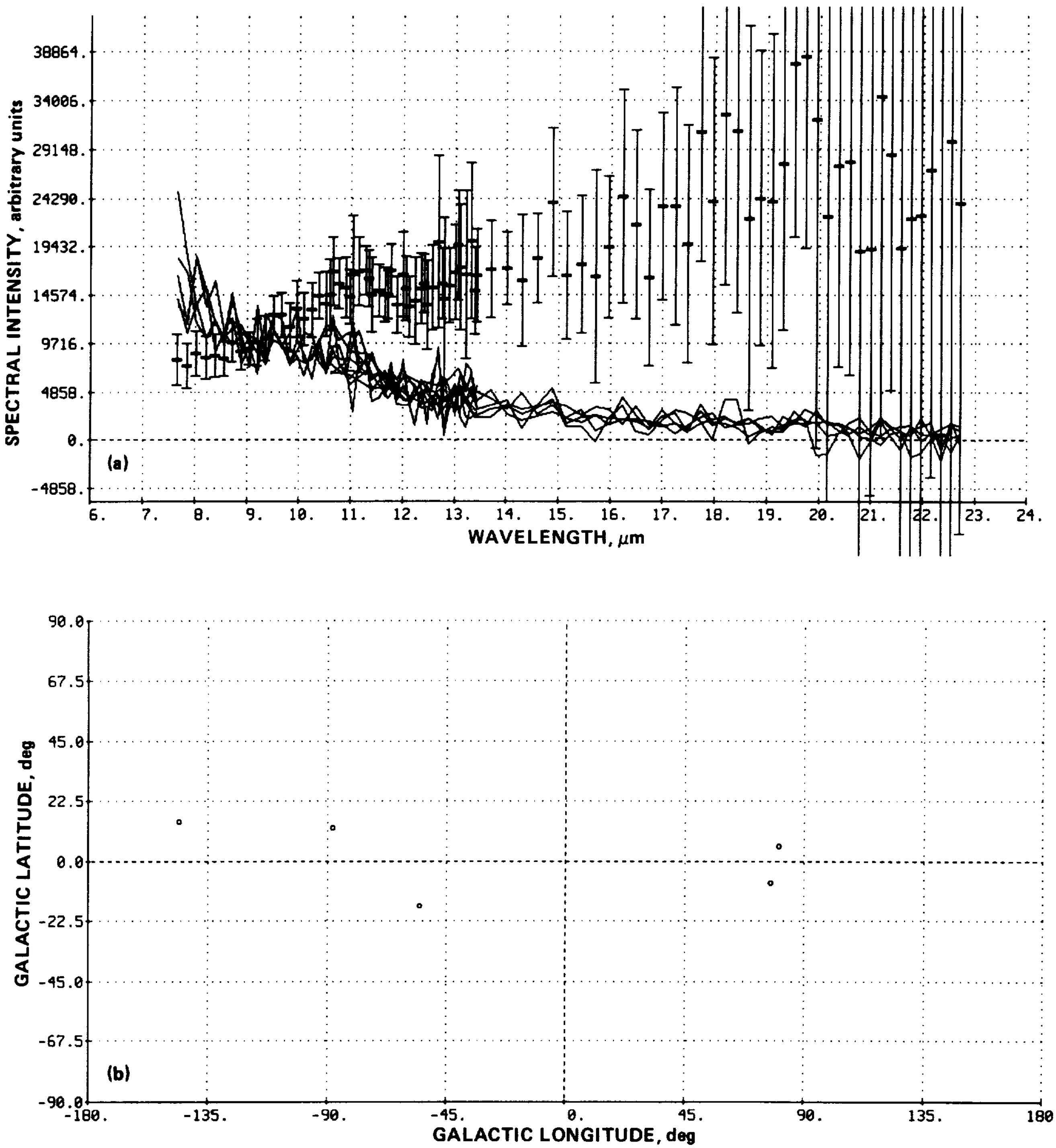


Figure 72.– Plots for Class 70/λ26. (a) Spectral; (b) galactic.

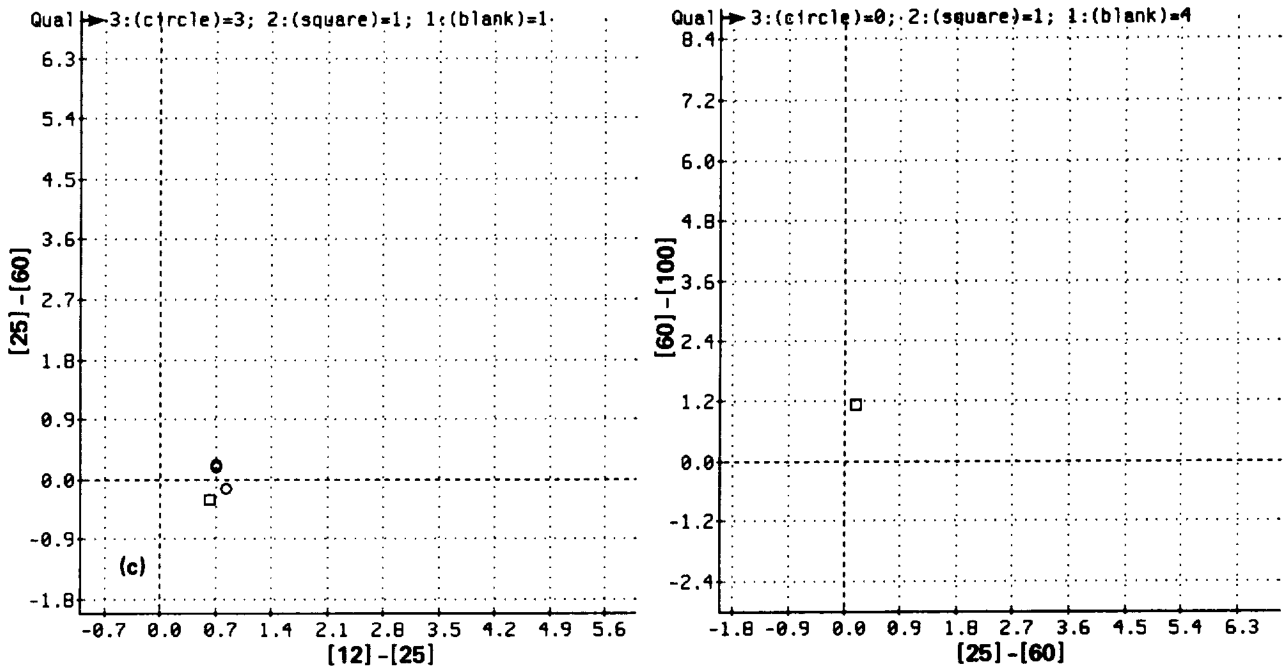
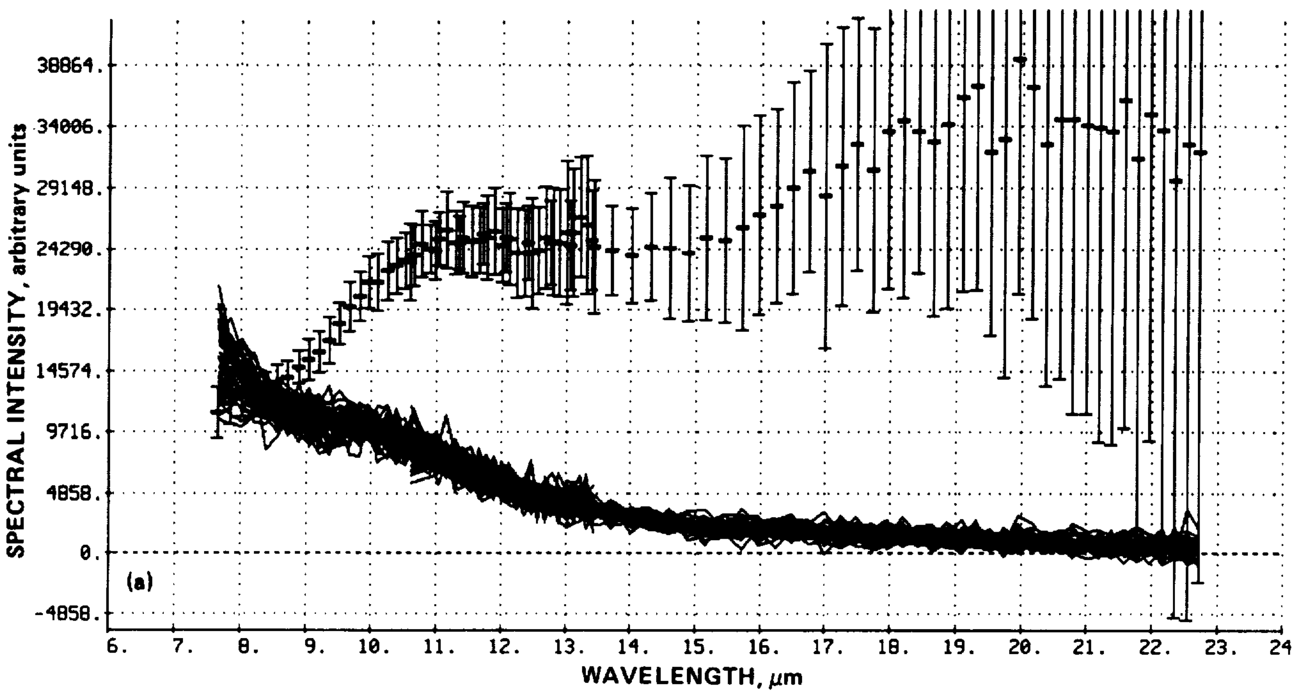


Figure 72.– Concluded. (c) Color-color.

Commentary for Class 70/λ26

Source count: 5; Source type: Not defined; S/N: Very noisy.

No comments.



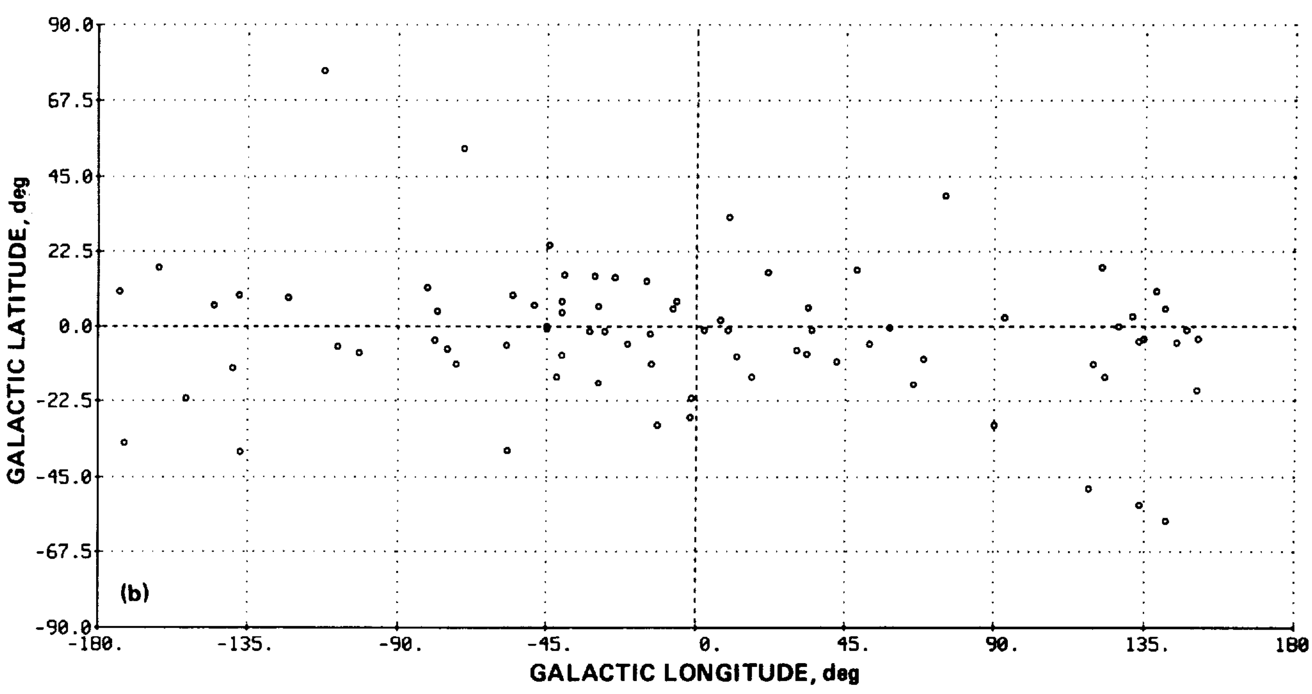


Figure 73.– Plots for Class 71/λ27. (a) Spectral; (b) galactic.

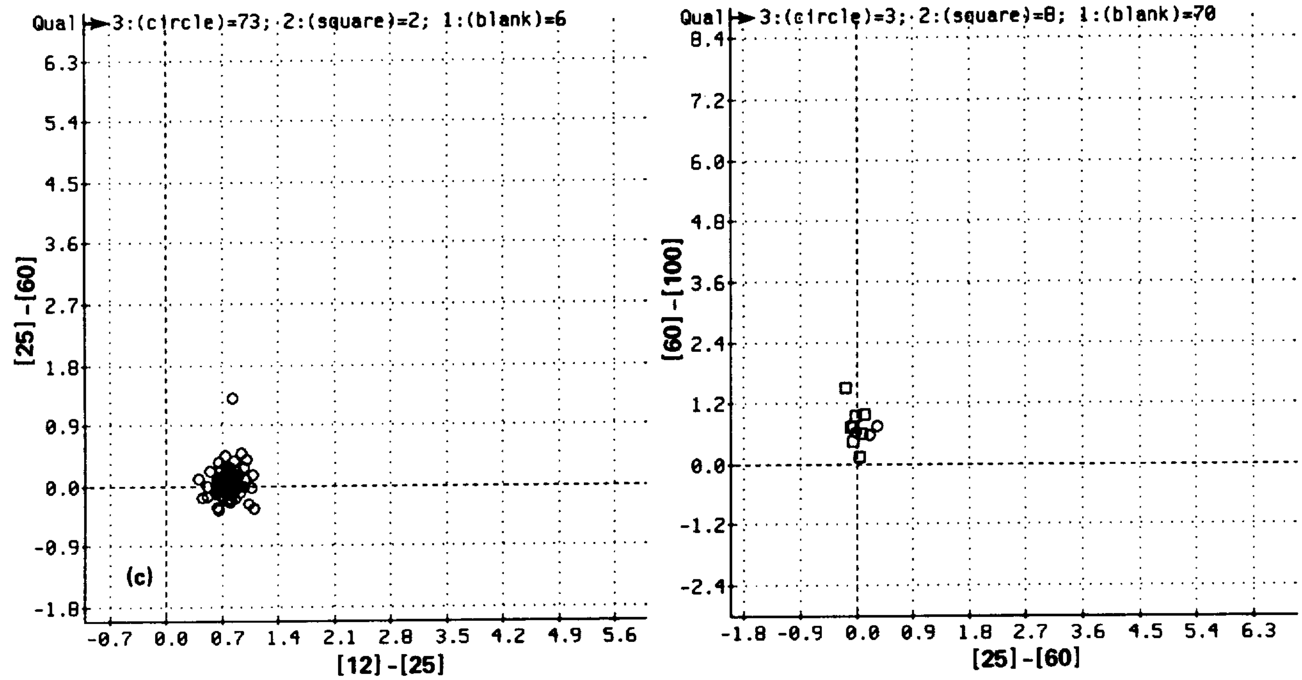


Figure 73.– Concluded. (c) Color-color.

Commentary for Class 71/λ27

Source count: 81; Source type: Oxygen-rich/emission D; S/N: Good.

These sources show very weak emission features at 9.7 μm, 13 μm and 20 μm. They have a very blue continuum similar to class 56/λ12. The LRS continuum suggests a temperature of 900 K and the colors imply a range in temperature from 500 K to 1,000 K. The sources are found at all galactic latitudes and longitudes, and have an estimated mean distance of 800 pc, using a scale height of 200 pc. More than 75% of the sources have associations, mostly to *Miras* with periods between 300 and 400 days. Two sources are associated with *S* stars, two sources with carbon stars, and two sources are associated with supergiants. The 12 μm flux density ranges from 8.51 Jy to 32.99 Jy. Around 20% of the sources have VAR >= 90. The spectra imply dust shells of shallower optical depth than for class 56/λ12. Most of the stars are presumably normal red giants and asymptotic giant branch stars. The few supergiants present are presumably very distant sources with weak stellar winds, perhaps similar to α *Ori*. M_{12} is estimated to be -9.1.

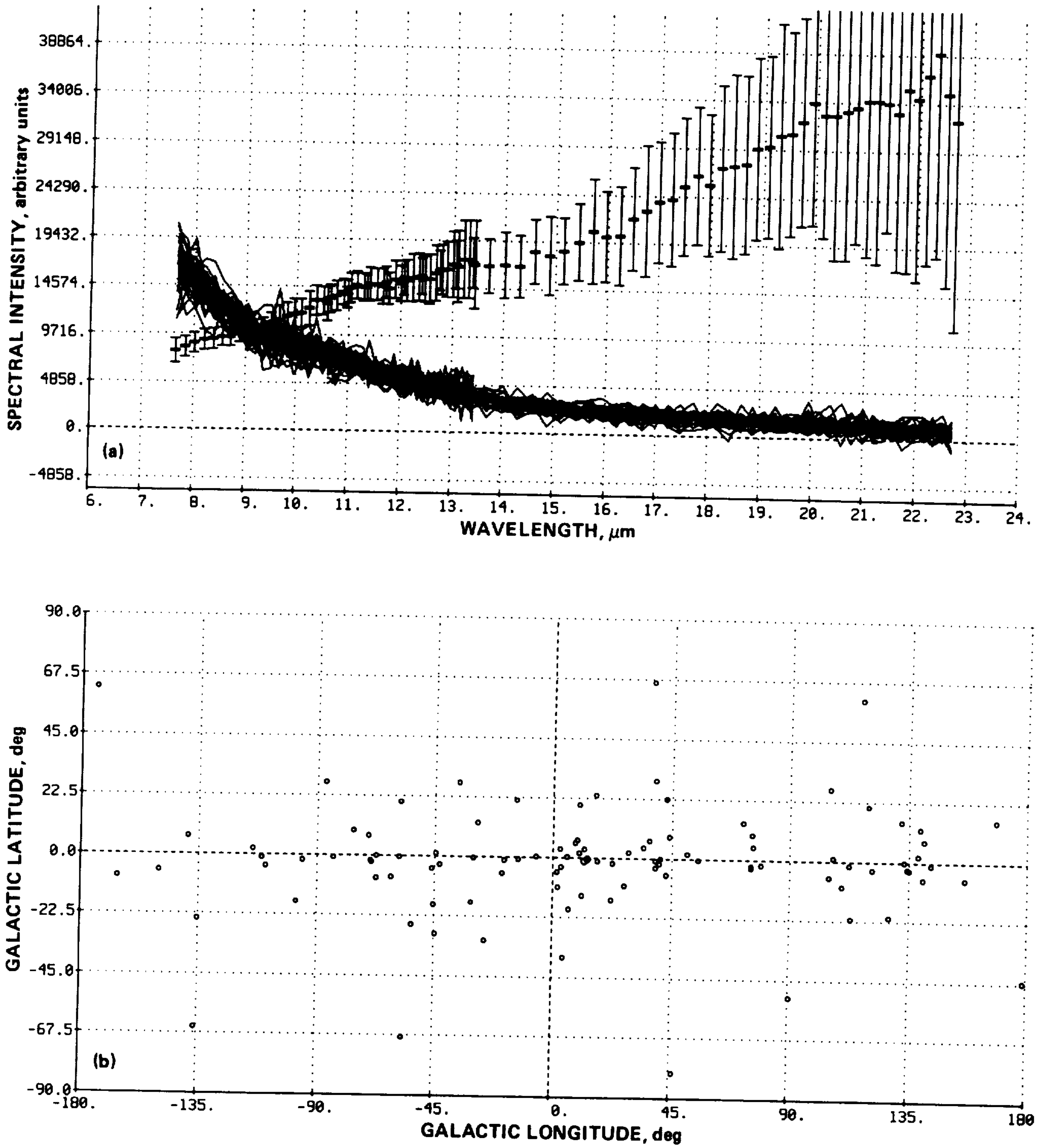


Figure 74.– Plots for Class 72/λ28. (a) Spectral; (b) galactic.

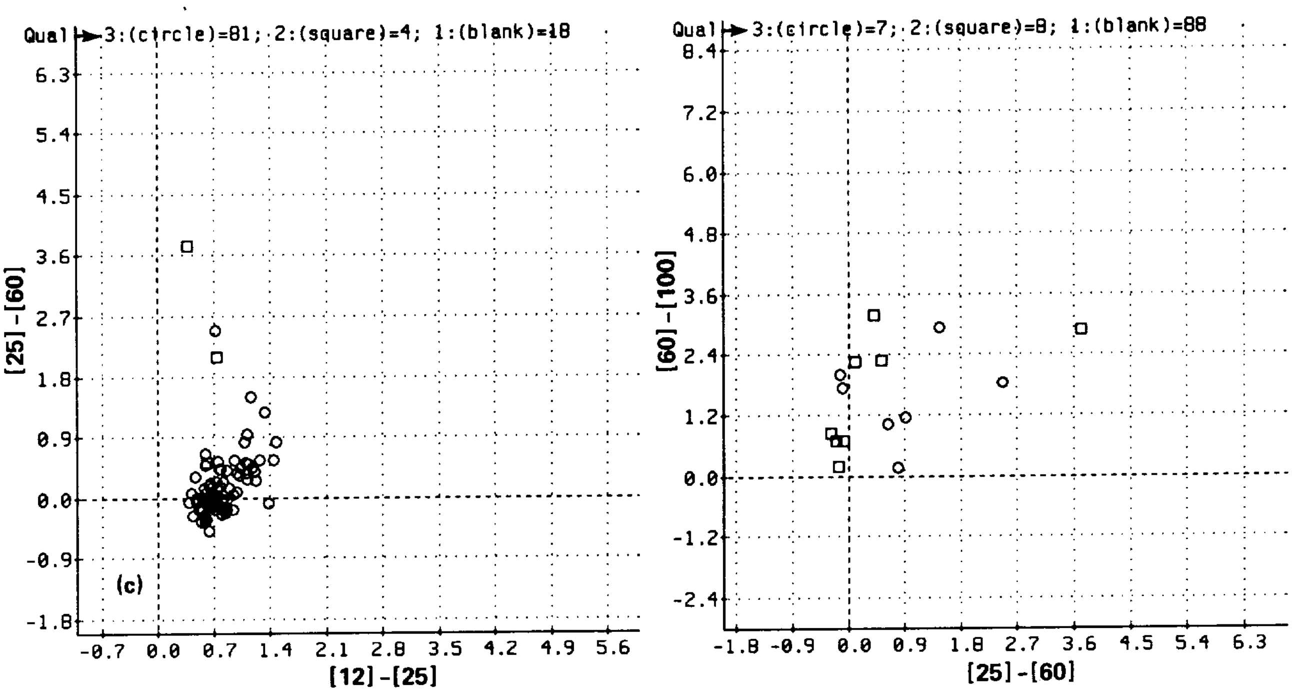


Figure 74.– Concluded. (c) Color-color.

Commentary for Class 72/λ28

Source count: 103; Source type: Oxygen-rich/emission; S/N: High.

These sources have very weak emission features at 11 μm, 13 μm and 20 μm, but some sources may be showing a broad weak absorption at 15 μm. The LRS continuum suggests a temperature of around 500 K to 800 K, and the colors imply a range in temperature between 300 K and 100 K. The sources are moderately concentrated towards the galactic plane and towards the galactic center. Assuming a scale height of 200 pc, the estimated mean distance for these sources is 850 pc. Around 25% of the sources have no associations. Most of the sources with associations are to mid-*M* spectral type giants, and to *Mira* variables with periods around 330 days. The class contains three carbon stars, four stars in the Wackerling emission-line star catalog (catalog number 7), and three supergiants. The 12 μm flux ranges from 9.20 Jy to 44.63 Jy. About 5% of the sources have VAR >= 90, and 50% of the sources have VAR =< 20. There are a small number of sources in this class with large 60 μm excesses. The mean flux and estimated distance give M_{12} = -9.

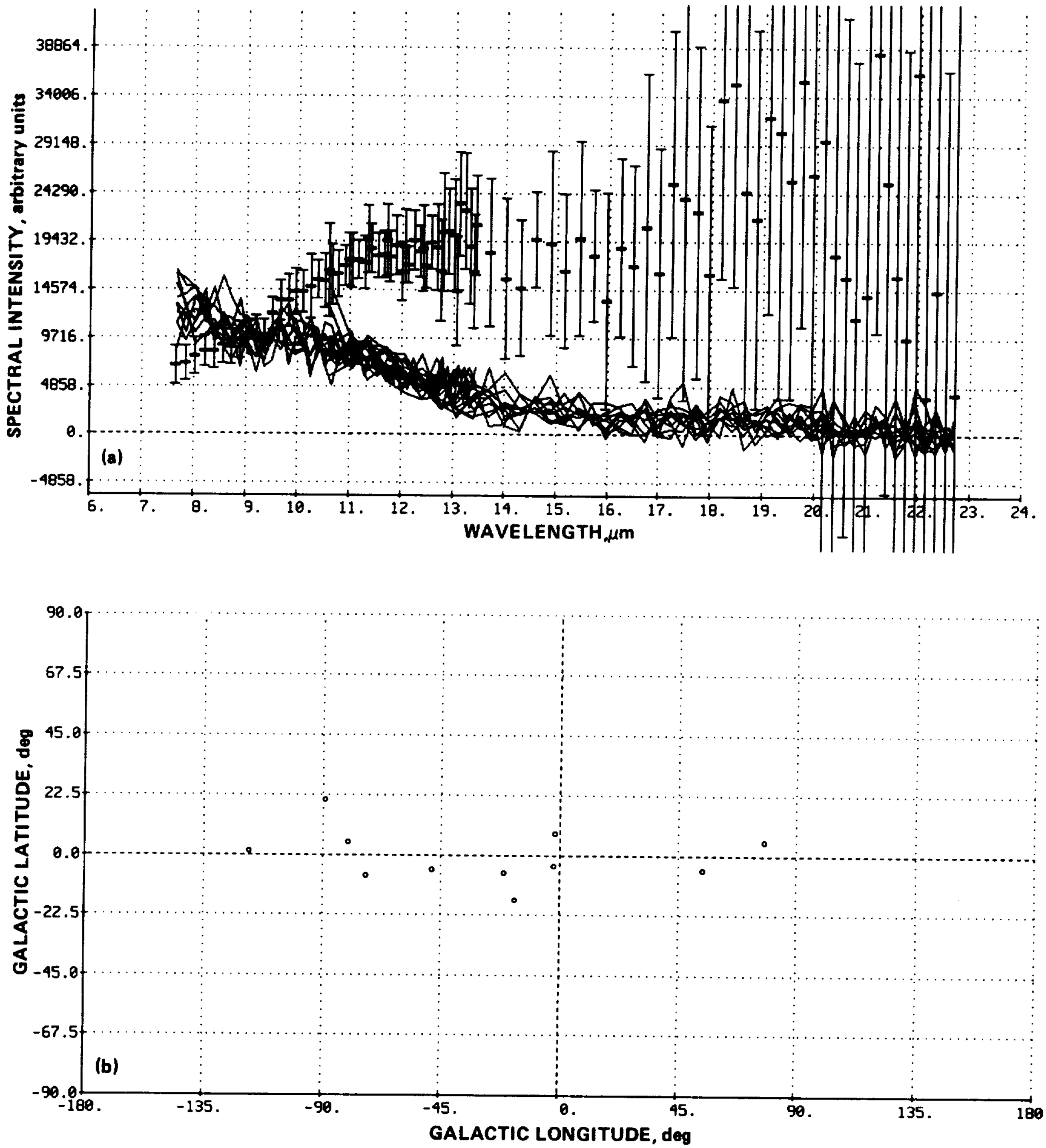


Figure 75.– Plots for Class 73/λ29. (a) Spectral; (b) galactic.

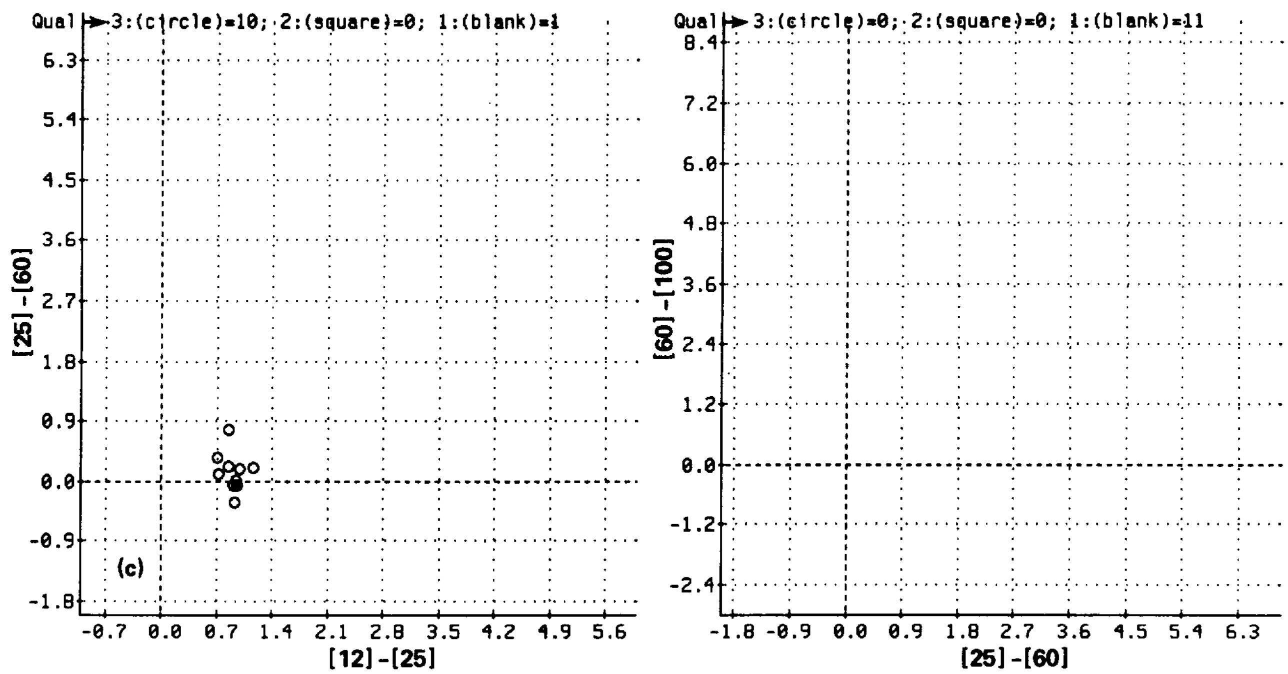


Figure 75.– Concluded. (c) Color-color.

Commentary for Class 73/λ29

Source count: 11; Source type: Oxygen-rich/emission; S/N: Very noisy.

These sources may have an emission feature around 10 μm, but the spectra are very noisy. The colors of the sources suggest that the class is oxygen-rich. The LRS continuum suggests a temperature of 600 K, and the colors imply a range from 400 K to 800 K. The sources appear to be moderately confined to the galactic plane and are found mostly towards the inner galaxy. Only 3 sources out of 11 have associations.

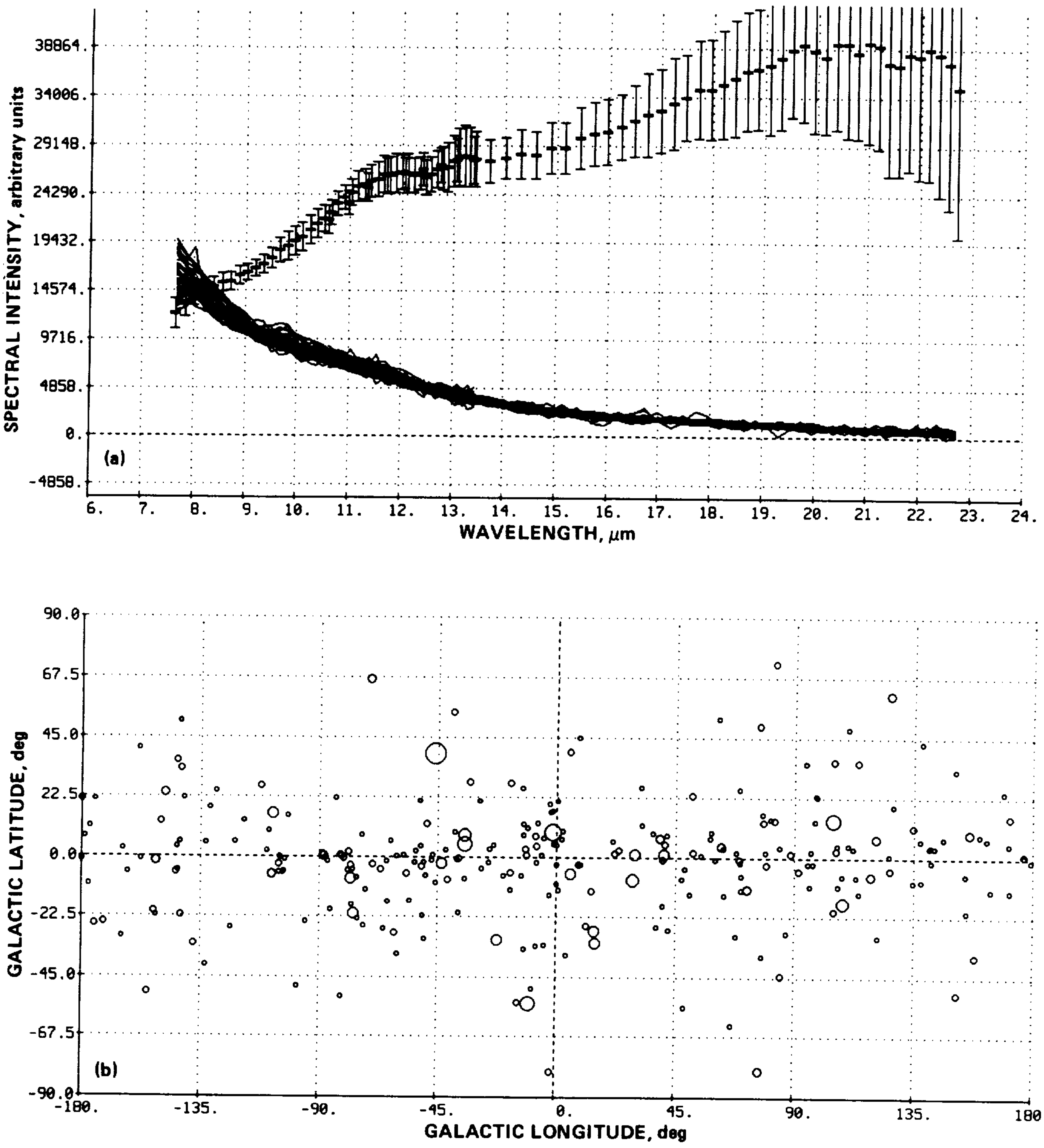


Figure 76.– Plots for Class 74/λ30. (a) Spectral; (b) galactic.

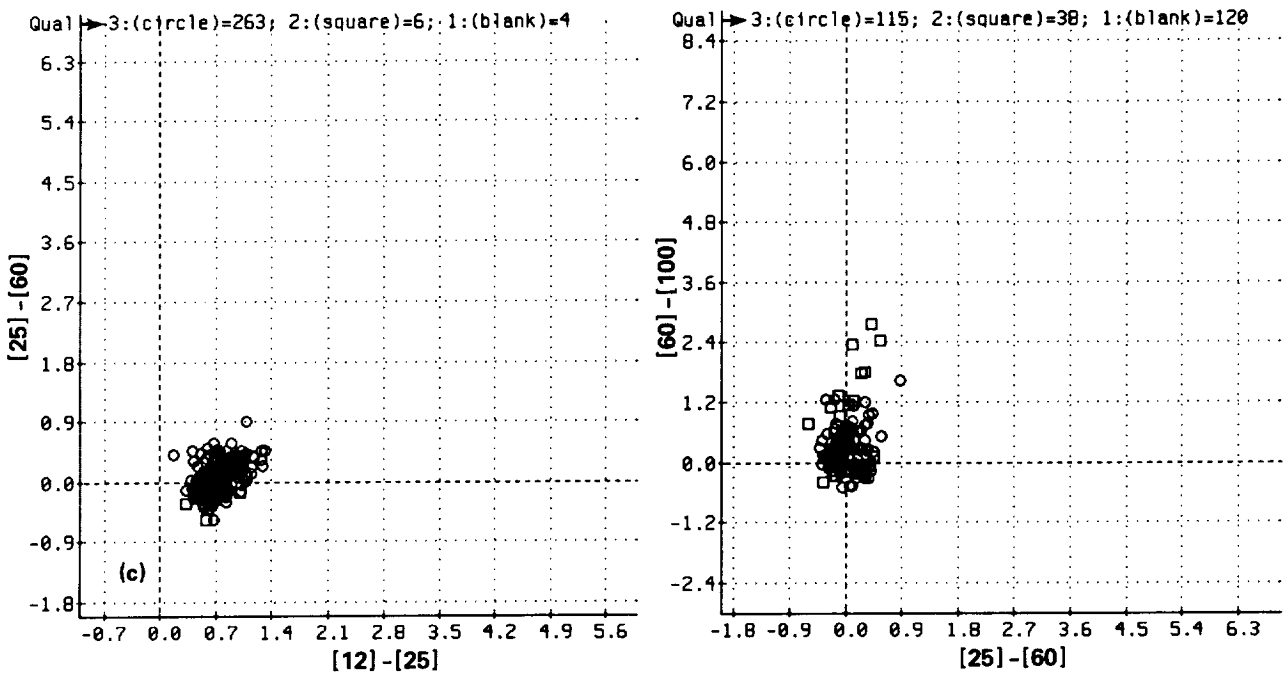


Figure 76.– Concluded. (c) Color-color.

Commentary for Class 74/λ30

Source count: 273; Source type: Oxygen-rich/emission D*; S/N: Very high.

These sources have very weak emission features at 10 μm, 13 μm and also at 18 μm. The LRS continuum suggests a temperature of 1,000 K and the colors imply a range from 400 K to 2,000 K. These sources are found at all galactic latitudes and longitudes. Assuming a scale height of 200 pc, the estimated mean distance is 700 pc. About 80% of the sources have associations, mostly with *Mira* variables of 300 day to 400 day periods. Although there are only three sources associated with known carbon stars, there are some spectra in the class which show a feature at 11 μm. One source is associated with a potential post-*AGB* star. The 12 μm flux density ranges from 16.41 Jy to 1591 Jy. The class shows about equal proportions of high and low VAR values. The mean color of this class is bluer than for classes with obvious 10 μm emission. The spectrum is unusual in that the continuum temperature implies a significant optical dust depth to produce the flat spectrum, while the dust features are very weak. It may be that the dust is not predominantly silicate for these sources. M_{12} is estimated to be -10.5 for this class.

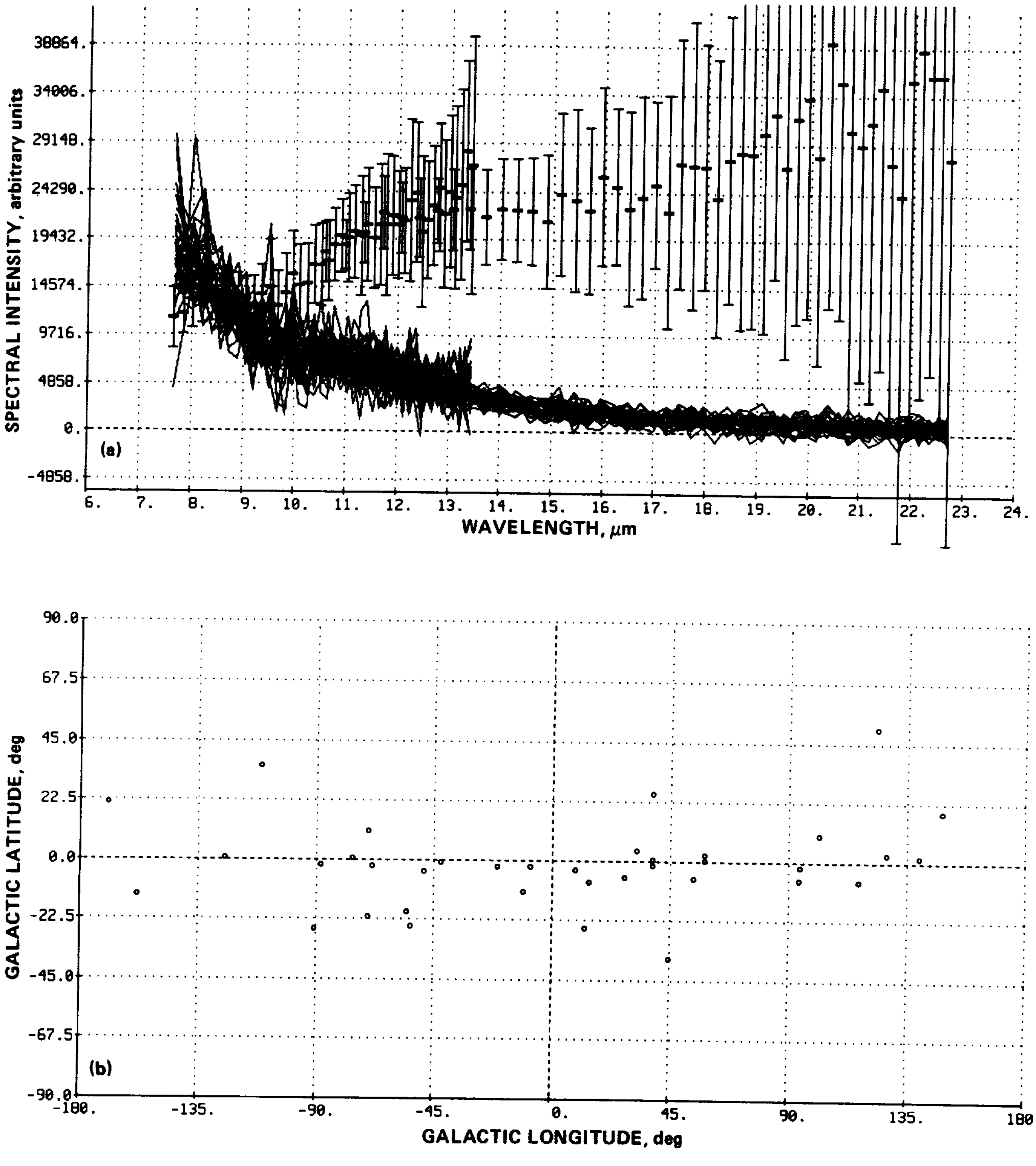


Figure 77.– Plots for Class 75/λ31. (a) Spectral; (b) galactic.

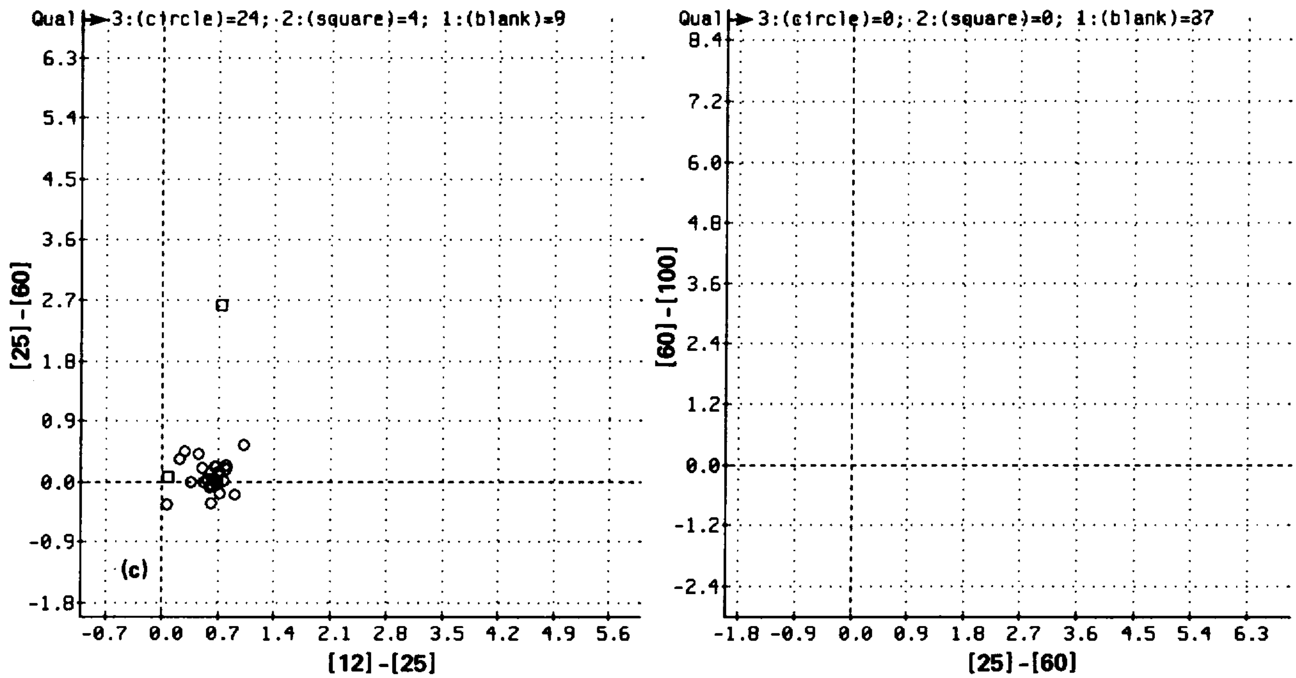


Figure 77.– Concluded. (c) Color-color.

Commentary for Class 75/λ31

Source count: 37; Source type: Oxygen-rich/emission; S/N: Very noisy.

These sources may have a weak emission feature near 11 μm, but the spectra are very noisy, and the source colors show that the class is oxygen-rich. The LRS continuum suggests a temperature of 1,000 K and the colors imply a temperature higher than 500 K. The sources are moderately confined to the galactic plane, and are found at all galactic longitudes. Of the sources, 23 have associations, but few spectral types are available. Where the spectral types are available, they are mainly for late spectral types.

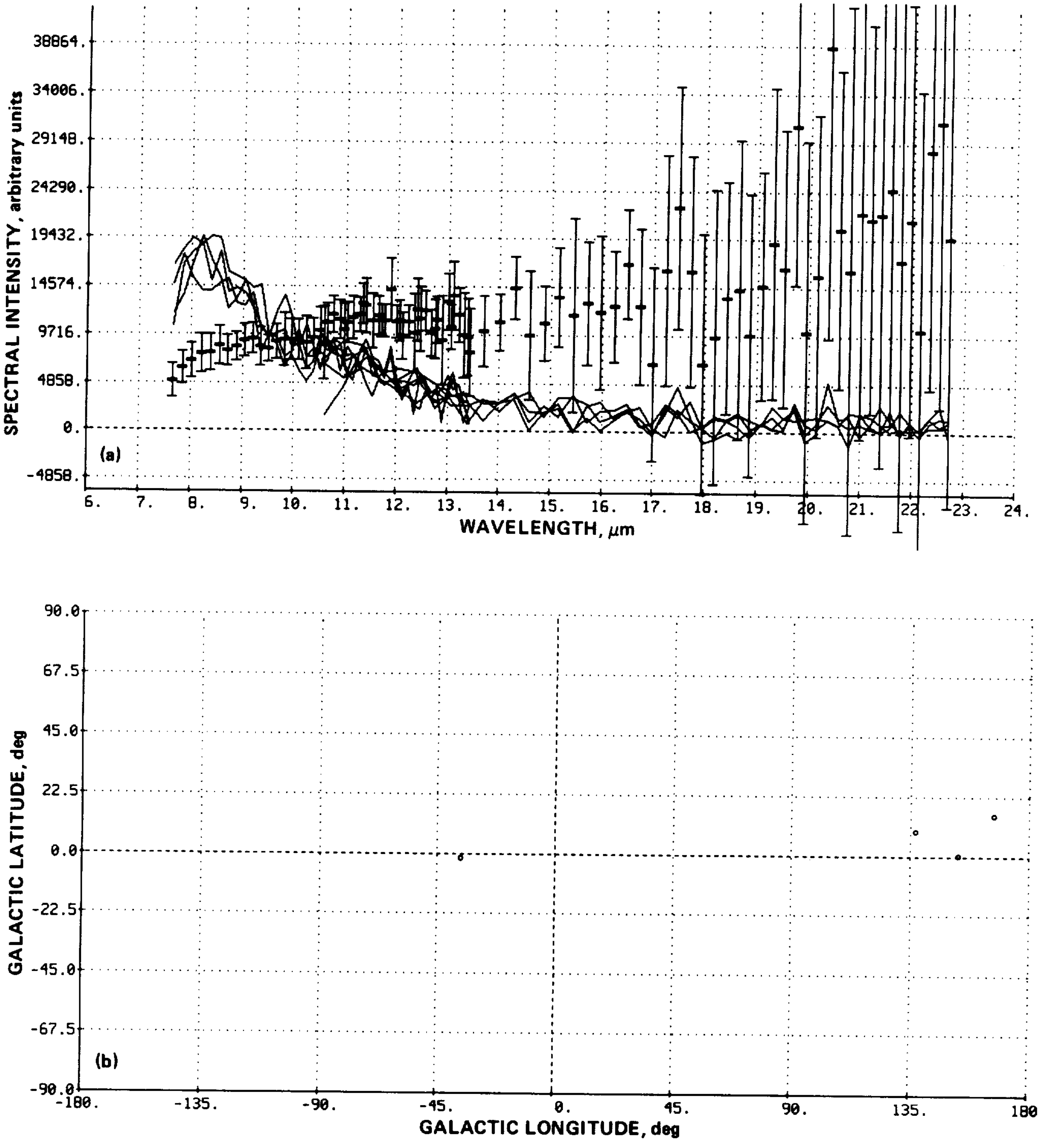


Figure 78.– Plots for Class 76/λ32. (a) Spectral; (b) galactic.

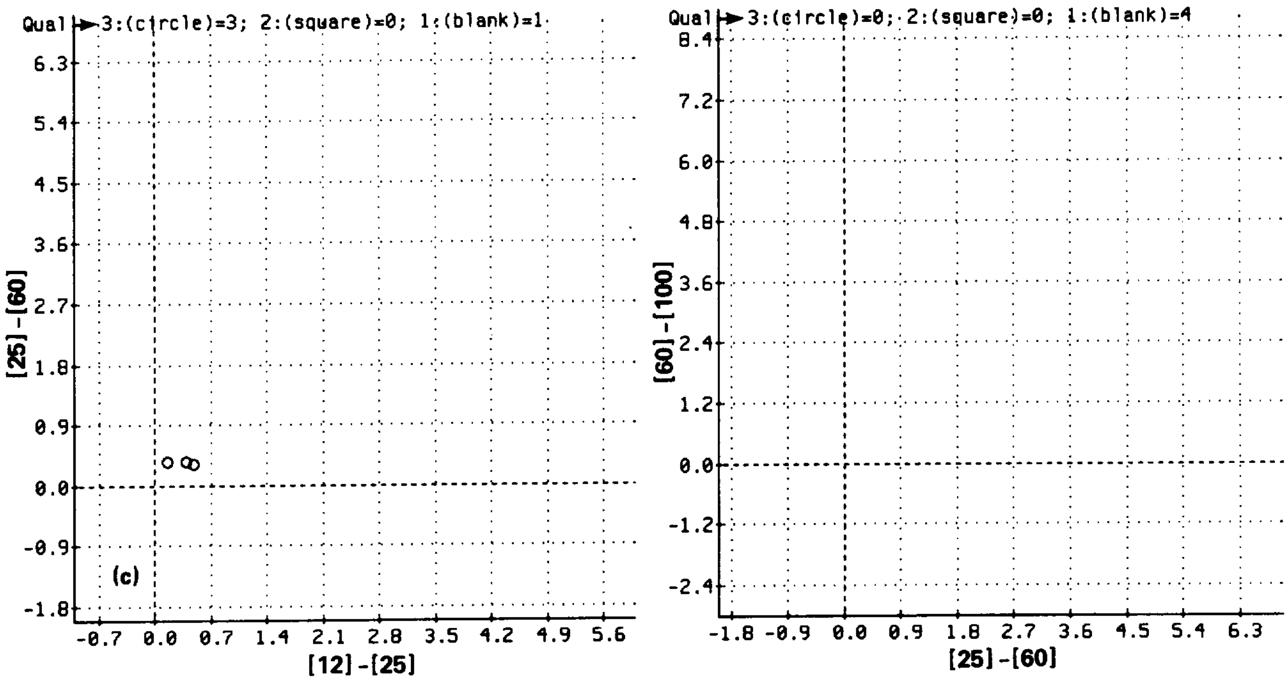


Figure 78.– Concluded. (c) Color-color.

Commentary for Class 76/λ32

Source count: 4; Source type: Not defined; S/N: Very noisy.

No comments.

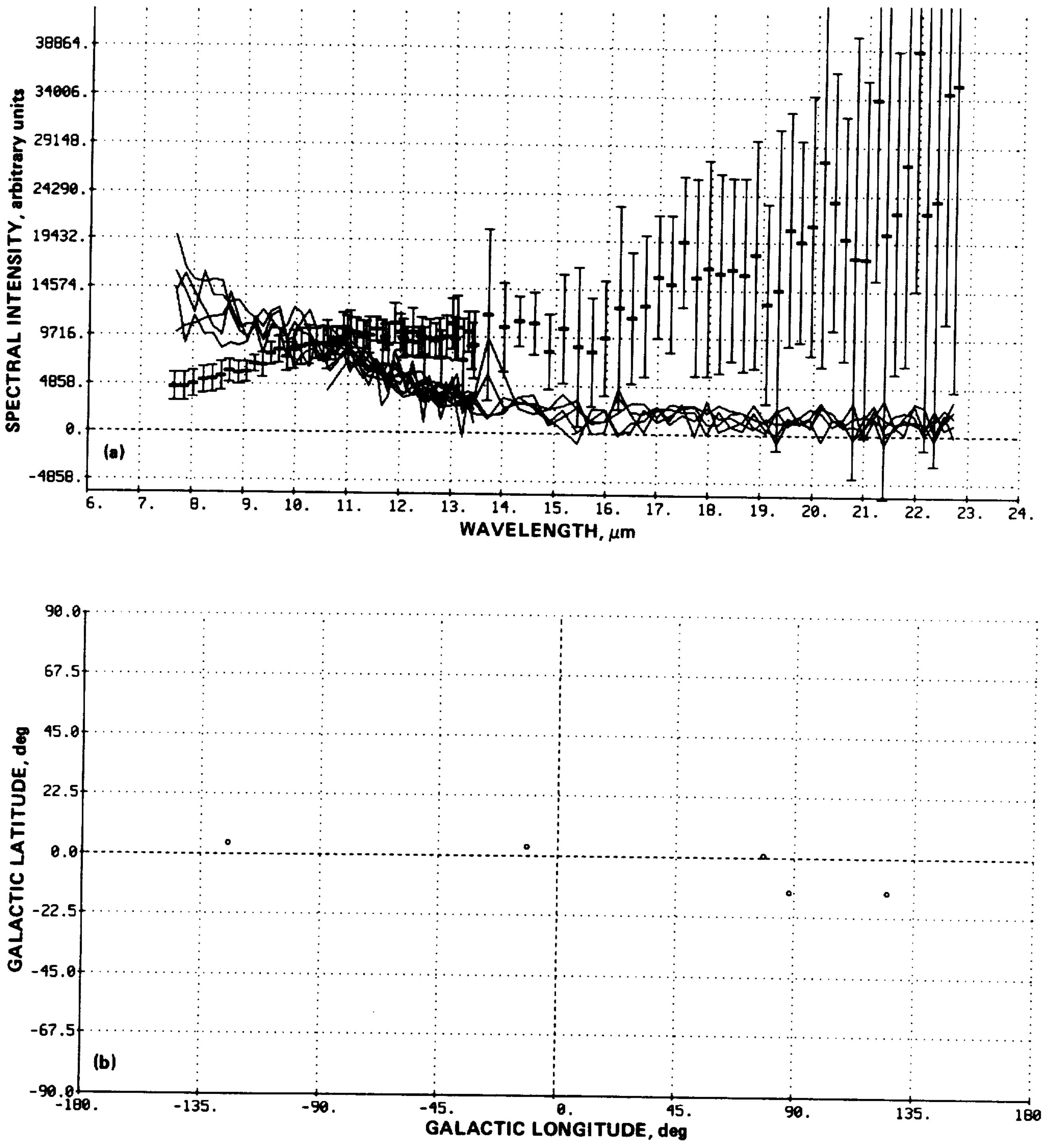


Figure 79.– Plots for Class 77/λ33. (a) Spectral; (b) galactic.

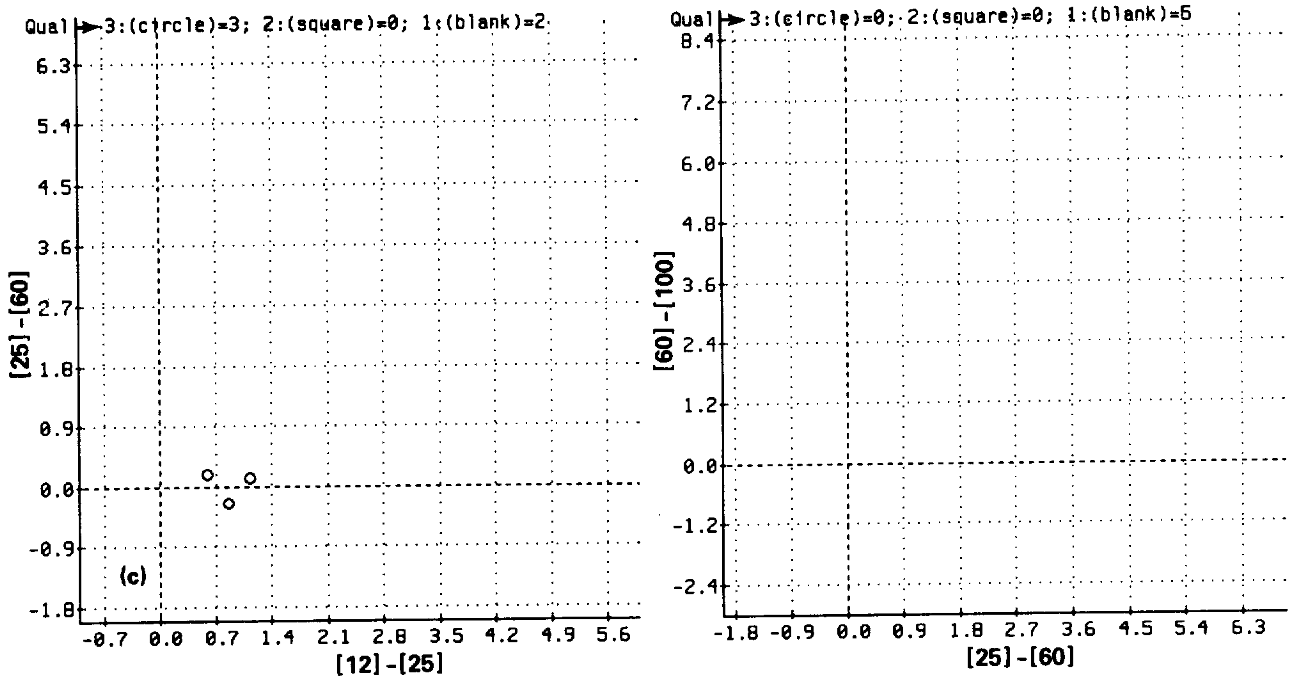
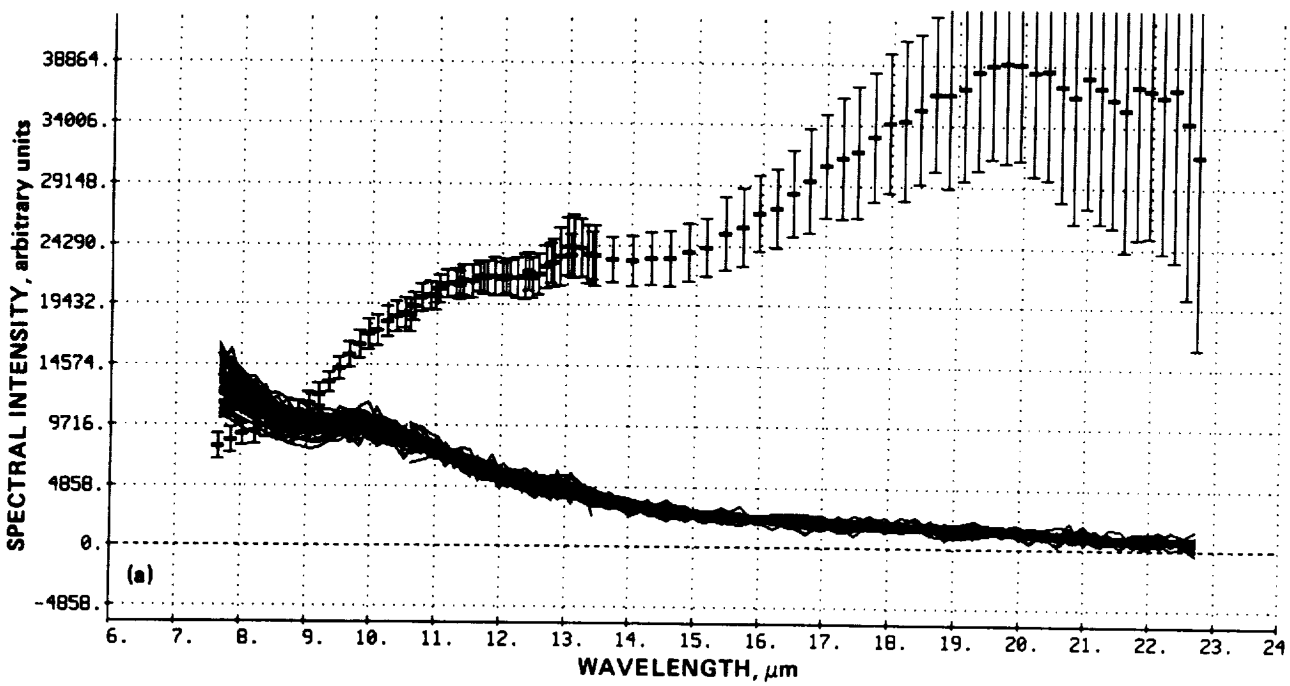


Figure 79.– Concluded. (c) Color-color.

Commentary for Class 77/λ33

Source count: 5; Source type: Not defined; S/N: Very noisy.

No comments.



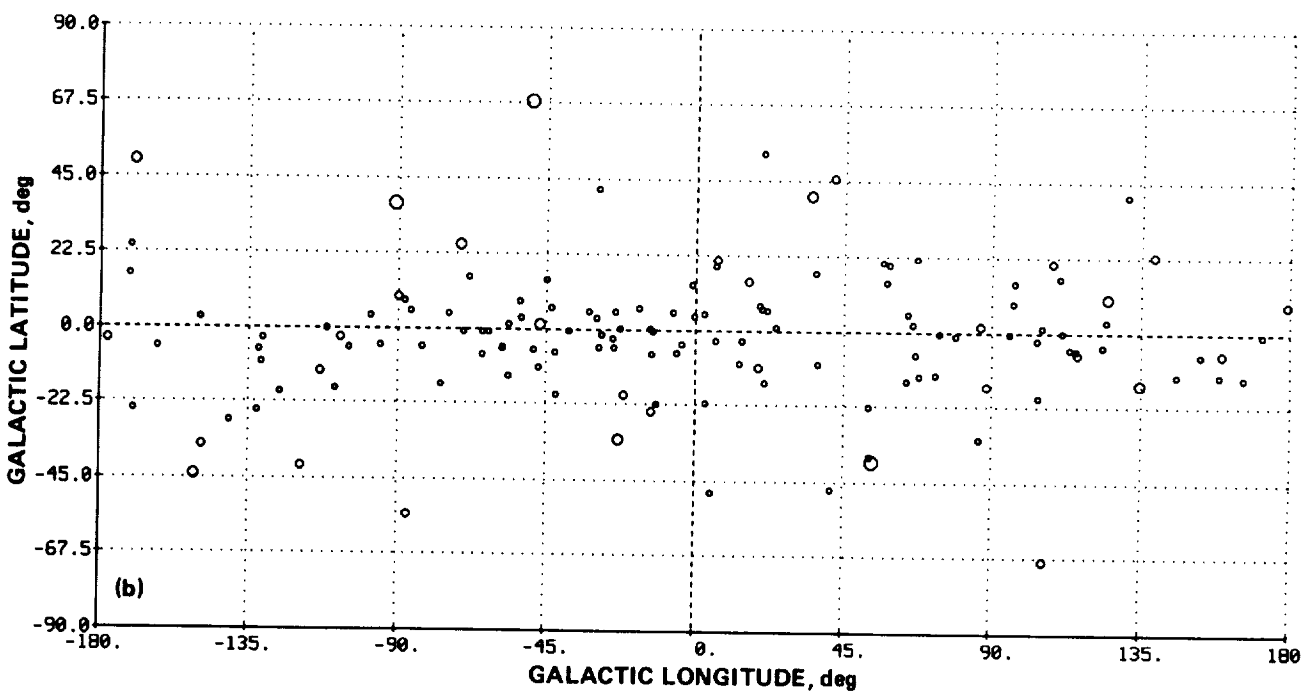


Figure 80.– Plots for Class 78/λ34. (a) Spectral; (b) galactic.

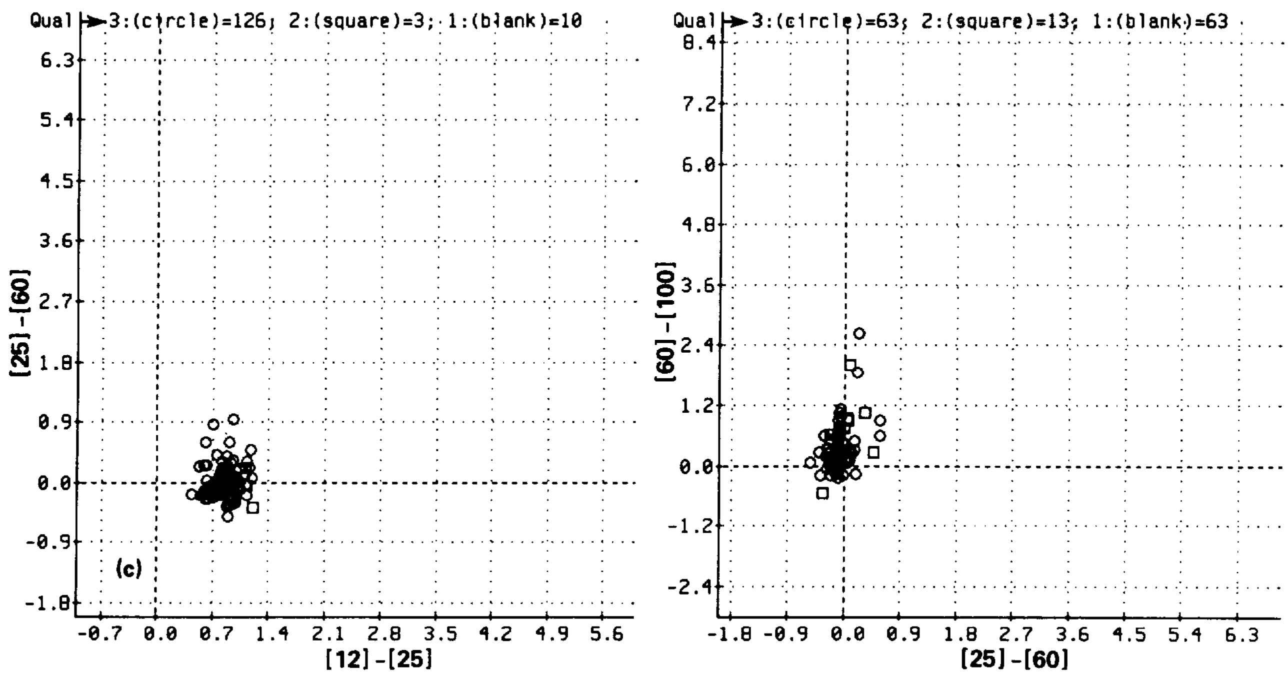


Figure 80.– Concluded. (c) Color-color.

Commentary for Class 78/λ34

Source count: 139; Source type: Oxygen-rich/emission D; S/N: High.

These sources show weak emission features at 9.7 μm, 13 μm and 20 μm. The LRS continuum suggests a temperature of 700 K and the colors imply a range in temperature from 500 K to 1,000 K. The sources are found at all galactic latitudes and longitudes, showing that this is a local population. The mean galactic latitude implies a distance of 800 pc, using a scale height of 200 pc. More than 80% of the sources have associations, mostly to *Mira* variables of about 400 day periods or to semi-regular variables with periods about 150 days. Two sources are associated with *S* stars, and two sources are associated with intermediate spectral type supergiant stars. The 12 μm flux density ranges from 15.59 Jy to 637.9 Jy, with 30 sources having flux densities >= 100 Jy. Around 19% of the sources have VAR >= 90. From the spectra and the colors these sources have shallow optical depth dust shells (possibly deeper than class 56/λ12), and the flatter continuum could be the result of a different dust condensation temperature. The M_{12} is estimated to be -10.7.

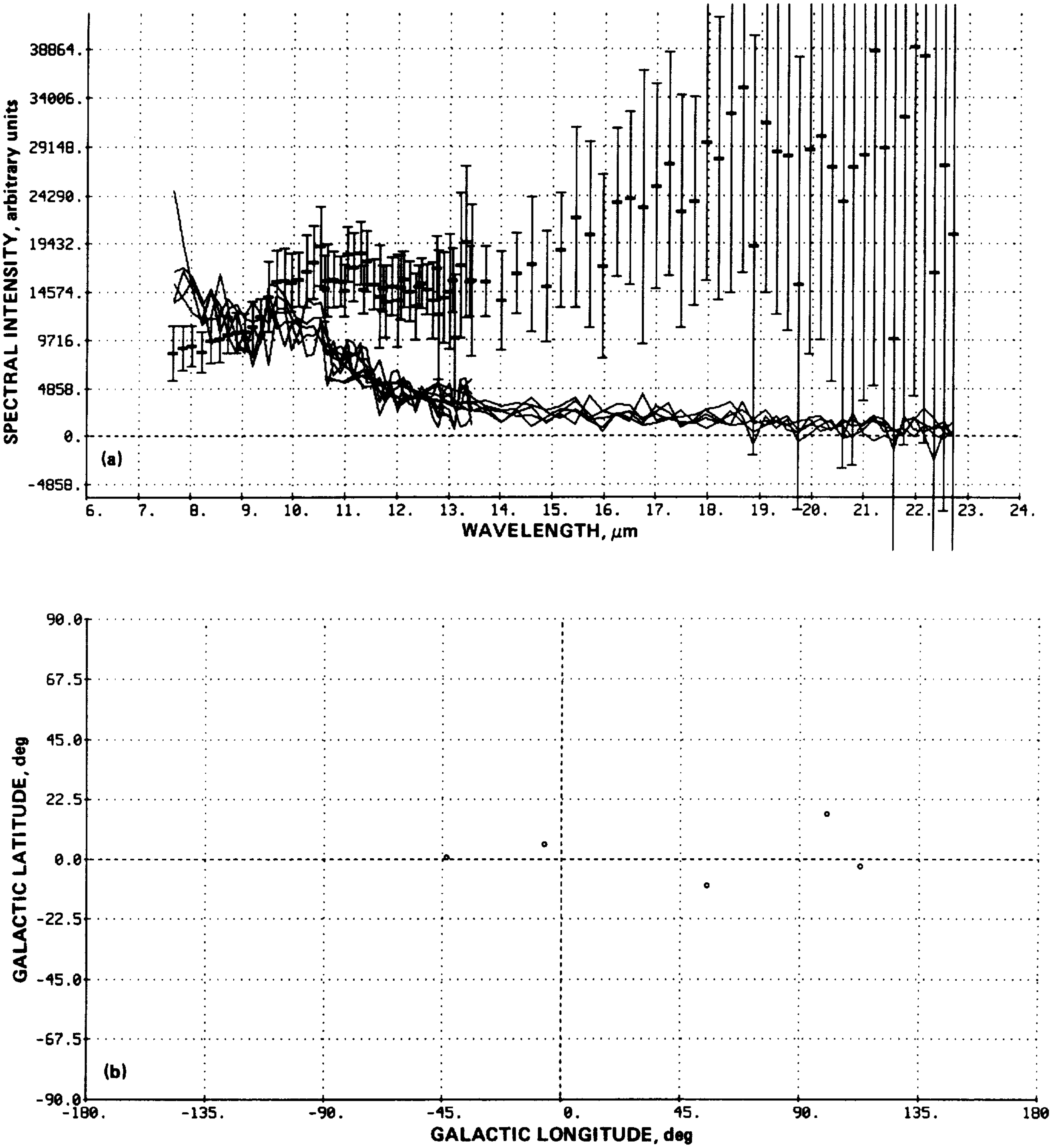


Figure 81.– Plots for Class 79/λ35. (a) Spectral; (b) galactic.

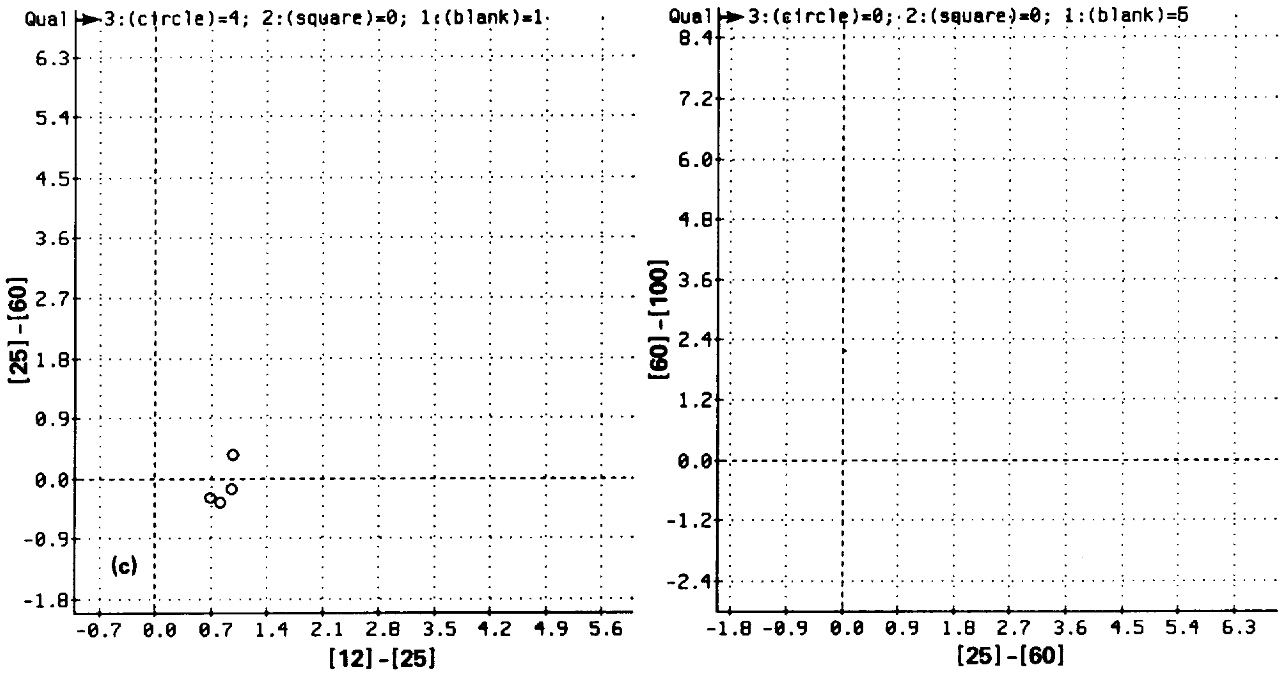


Figure 81.– Concluded. (c) Color-color.

Commentary for Class 79/λ35

Source count: 5; Source type: Not defined; S/N: Very noisy.

No comments.

7.0 Tables for the Complete Data Base

Table 1, *Class and Meta-class Numbering for Complete Data Base*, lists the primary classes, their metaclass names, their source memberships, and the Figure numbers of their plots.

Table 2, *Cross-reference by AutoClass Class of Complete Data Base*, contains the cross-reference of all sources by AutoClass Class.

Table 3, *Cross-reference by IRAS Name of Complete Data Base*, contains the cross-reference of all sources by IRAS Name.

Table 4, *Astronomical Catalog References*, is a list of source catalog references, which are referred to in Table 2 and in the primary and split class commentaries of sections 6.0 and 8.0, respectively.

Table 1. Class and Metaclass Mapping for Complete Data Base

Figure	Class num	Metaclass num	Membership
5	0	α0	155
6	1	α1	39
7	2	α2	23
8	3	α3	27
9	4	α4	60
10	5	α5	91
11	6	α6	83
12	7	β0	224
13	8	β1	171
14	9	β2	144
15	10	β3	51
16	11	β4	102
17	12	β5	36
18	13	β6	40
19	14	β7	58
20	15	β8	172
21	16	β9	89
22	17	β10	31
23	18	β11	126
24	19	β12	7
25	20	β13	12
26	21	γ0	102
27	22	γ1	55
28	23	δ0	256
29	24	δ1	236
30	25	δ2	165
31	26	δ3	78
32	27	δ4	42
33	28	δ5	130
34	29	δ6	80
35	30	δ7	48
36	31	δ8	137
37	32	ε0	16
38	33	ε1	138
39	34	ε2	83
40	35	ε3	3

Figure	Class num	Metaclass num	Membership
41	36	ζ0	98
42	37	ζ1	45
43	38	ζ2	28
44	39	ζ3	63
45	40	ζ4	121
46	41	η0	62
47	42	η1	43
48	43	θ0	15
49	44	λ0	1
50	45	λ1	22
51	46	λ2	5
52	47	λ3	3
53	48	λ4	3
	49	λ5	0
54	50	λ6	45
55	51	λ7	124
	52	λ8	0
56	53	λ9	1
57	54	λ10	32
58	55	λ11	26
59	56	λ12	58
60	57	λ13	1
61	58	λ14	1
62	59	λ15	5
63	60	λ16	30
64	61	λ17	7
65	62	λ18	77
66	63	λ19	4
67	64	λ20	121
68	65	λ21	107
69	66	λ22	5
	67	λ23	0
70	68	λ24	120
71	69	λ25	179
72	70	λ26	5
73	71	λ27	81
74	72	λ28	103
75	73	λ29	11
76	74	λ30	273
77	75	λ31	37
78	76	λ32	4
79	77	λ33	5
80	78	λ34	139
81	79	λ35	5

Table 2. Cross-reference by AutoClass Class of Complete Data Base

Description of Table 2.

This listing presents the names of all sources along with the LRS class and catalog association information, sorted by the class assigned by AutoClass II, and within each of these classes, sorted by IRAS name.

The column headings are:

Name	IRAS source name.
Cl	Class assigned to source in LRS Atlas.
Nid	Number of matches found in other astronomical catalogs for this source.
Cat	Catalog number of match described by Source and Type. See Table 4. for catalog references.
Source	Name of matched object in catalog number Cat.
Type	Character or spectral type of matched object.
In	Source intensity at 12 microns multiplied by 1.0e+18 and scaled so that the minimum value is 1. The maximum value is ~4720.
Prob	AutoClass probability of the source being in the class. If significant probabilities exist for other classes, they are listed on following lines as (<class> <probability>).

AutoClass classifications for the 5425 LRS spectra
in >taylor>autoclass-x>data>lrs-5425>spectra-5425.base,
using the 5247472.0 MML classification in
>taylor>autoclass-x>data>lrs-5425>spectra-80-1.wt-set.

SORTED BY AUTOCLASS CLASSIFICATION.

AUTOCLASS CLASS = $\alpha 0$

Name	Cl	Nid	Cat	Source	Type	In	Prob
01080+5327	44	4	2	DO 24107		12	1.00
01105+6241	44	6	17	59	C6,3:	25	1.00
01324+4907	44					6	1.00
01443+6417	43	1	3	RAFGL 248		8	1.00
02270-2619	43	5	17	103	NE	44	1.00
03112-5730	43	5	17	136	N,C7,	17	1.00
03157+3258	43					10	1.00
03229+4721	44	5	17	142	N	83	1.00
03277+5120	44					3	1.00
03374+6229	45	5	17	154	N5,C6	23	1.00
04130+3918	43	1	3	RAFGL 6312S		9	1.00
04284+1732	45	1	17	221		11	1.00
04307+6210	45	4	2	DO 28389		33	1.00
04369+4501	43					4	1.00
04573-1452	45	7	17	276	N6,C7	48	1.00
05028+0106	44	8	17	284	N5,C5	31	1.00
05136+4712	43					8	1.00
05185+3227	43	6	17	318	NE,C8	12	1.00
05227+3820	43	2	17	330		13	1.00
05238+3406	45	5	17	336	N	28	1.00
05377+1346	44	1	3	RAFGL 799		11	1.00
05418-3224	43					9	1.00
05424+4414	15					5	1.00
05426+2040	45	7	17	393	N2,C7	25	1.00
05440+4311	44	4	16	02629	C	8	1.00
05447+1321	43					4	1.00
05576+3940	42	6	17	433	NE,C8	7	1.00
06088+1909	43					8	1.00
06183+1135	44	2	17	496		9	1.00
06206+0931	43					7	1.00
06224+1701	44	1	3	RAFGL 5192		10	1.00
06226-0905	43	2	4	TMSS -10122		22	1.00
06230-0930	44	1	3	RAFGL 935		12	1.00
06238+0904	43	1	3	RAFGL 940		6	1.00
06315+1606	42	6	17	534	N,C8,	6	1.00
06323+3015	45					4	1.00
06331+3829	43	7	17	537	N3,C5	48	1.00
06487+0551	43					10	1.00
06504-1206	45	3	17	606		8	1.00
06564+0342	44					8	1.00
06588-2138	44					4	1.00
07028-1456	43	1	3	RAFGL 1062		8	1.00

AUTOCLASS CLASS = $\alpha 0$ (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
07065-7256	45	3	17	689		32	1.00
07085-0018	22	1	3	RAFGL 5225		5	1.00
07098-2012	43	1	3	RAFGL 1085		31	1.00
07149-0046	43					6	1.00
07170+0721	44					5	1.00
07220-2324	42	1	3	RAFGL 5231		9	0.99
07270-1921	44	5	17	776		14	1.00
07368-2833	43					7	1.00
07373-4021	45	1	17	849	N:	21	1.00
08045-1524	44					9	1.00
08050-2838	43	1	3	RAFGL 5240		11	1.00
08073-3608	45	3	17	1067	N,C6-	10	1.00
08119-3627	43					7	1.00
08129-1236	45					6	1.00
08250-2605	44					6	1.00
08340-3357	42	1	3	RAFGL 5251		16	0.93
08353-3424	44					6	1.00
08380-4745	44	1	17	1261		9	1.00
08416-2525	44	3	17	1277		12	1.00
08470-5710	43					5	1.00
08556-5717	44					5	1.00
09271-5041	44	2	17	1467		6	1.00
09428-4630	45	1	17	1539		11	1.00
09428-4341	43					5	1.00
09521-7508	43	2	39	PKS0952-75		42	1.00
09533-4120	44	4	17	1583	N	15	1.00
10002-4641	43					8	0.98
10068-6341	43					5	1.00
10249-2517	46	6	17	1681	NE	9	1.00
10325-6227	45	2	17	1705	N	10	1.00
11186-5528	44	1	17	1839		26	1.00
11268-6437	44	2	7	HEN 658		4	1.00
11272-6901	43					5	1.00
11308-1020	44					10	1.00
11318-7256	44	2	17	1882		52	1.00
12194-6007	42					10	1.00
12298-5754	43	2	17	2012		19	1.00
12394-4338	43	2	17	2025		27	1.00
12447+0425	44	6	17	2032	R3E,N	38	1.00
12465-6129	44	2	17	2035	N:	8	0.84
						($\alpha 5$	0.16)
13482-6716	44					17	1.00
14122-5845	45	1	17	2150		7	1.00
14286-5905	44	1	17	2164		8	1.00
14309-5126	44					5	1.00
14521-6058	44					5	1.00
15043-5438	43					10	1.00
15096-6009	45	2	17	2221	N	11	0.62
						($\alpha 5$	0.38)

AUTOCLASS CLASS = $\alpha 0$ (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
15148-4940	42	1	17	2232		27	1.00
15223-5743	44	1	17	2245		8	1.00
16047-5449	45	2	17	2305		8	1.00
16171-4759	43					8	0.93
16478-4322	43	1	17	2369		15	1.00
16538-4633	45					10	1.00
16545-4214	43	1	17	2380		44	1.00
16562-5039	43					9	1.00
17044-3722	43	1	17	2397		7	1.00
17079-6554	43					21	1.00
17103-3551	44	2	17	2409		11	1.00
17130-3907	44					14	1.00
17302-3613	45	1	17	2455		8	0.95
17389-5742	45	6	17	2470	NB,C6	16	1.00
17446-7809	43					56	1.00
17556+5813	45	7	17	2512	NE,C8	27	1.00
17581-1744	44					8	1.00
18040-0941	44	3	4	TMSS -10396		45	1.00
18041-3317	45					14	1.00
18045-1525	45	1	23	LDN 0347		8	1.00
18061-2739	44	2	17	2535		11	1.00
18073-2652	45	6	17	2540	N	16	1.00
18078-2022	43	1	3	RAFGL 2085		13	1.00
18155-1519	43	3	4	TMSS -20461		12	1.00
18156-0653	45	1	3	RAFGL 2118		17	1.00
18230+0544	44	2	3	RAFGL 2150		12	1.00
18276-4717	44					32	1.00
18397+1738	43	4	16	11225	C	99	1.00
18421+1147	44					8	1.00
18424+0346	44					9	1.00
19029+2017	43	1	3	RAFGL 2318		16	1.00
19108+1155	44					7	1.00
19175-0807	43	5	16	11912	C	84	1.00
19248+0658	45	2	3	RAFGL 2392		11	1.00
19276-0056	45	7	17	2737	NE	9	1.00
19381+3315	44	1	3	RAFGL 2428		8	1.00
19419+3222	44					5	1.00
19524+2130	43					4	1.00
19537+2212	44	1	3	RAFGL 2474		12	1.00
19559+3301	43	3	17	2834		5	1.00
20043+3508	45					5	1.00
20082+2911	44	5	17	2871		6	1.00
20101+4123	44					3	0.80
						(λ24	0.20)
20204+2914	43					6	1.00
20282+3604	45					9	1.00
20323+3153	43					5	1.00
20396+4757	44	5	17	2923	NE	92	1.00
20596+3833	42					5	1.00

AUTOCLASS CLASS = $\alpha 0$ (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
21006+4720	43					12	1.00
21032-0024	45	7	17	2968	NE	48	1.00
21035+5136	44	4	17	2976		47	1.00
21232+5705	44	1	17	3030		7	1.00
21262+7000	45	4	2	DO 39655		10	1.00
21320+3850	44	5	17	3041	N,C7,	35	1.00
21366+4529	44	1	17	3052		7	1.00
21383+4513	44	2	4	TMSS +50388		8	1.00
21440+7324	44	6	17	3070	N,C6-	21	1.00
22236+5002	43					5	1.00
22424+7431	45	1	3	RAFGL 2949		11	1.00
22518+6600	44	1	3	RAFGL 2985		12	1.00
22585+6402	43	2	3	RAFGL 3011		13	1.00
23174+5941	44					4	1.00
23174+6810	44					5	1.00
23202+5901	22	5	1	V398 CAS		12	1.00
23279+5336	43					13	1.00
23491+6243	43	1	7	1+62 36		7	1.00

AUTOCLASS CLASS = $\alpha 1$

Name	Cl	Nid	Cat	Source	Type	In	Prob
00351+6337	01	2	4	TMSS +60013		3	1.00
03101+4738	01	5	17	134	NP,R	3	1.00
03317+6300	24	1	3	RAFGL 4285S		3	1.00
04153+5441	01	2	3	RAFGL 4335S		3	1.00
04193+4359	01	2	4	TMSS +40085		3	1.00
05394-0856	01	2	4	TMSS -10096		3	1.00
06070+3337	17	2	4	TMSS +30142		3	0.92
06248+1929	01					3	1.00
06268-0804	18	4	13	133326	MA	4	1.00
07369-3517	01	2	17	844	N	2	1.00
07584-2958	01	2	4	TMSS -30110		3	1.00
07593-1452	01					4	1.00
08194-0930	01	2	4	TMSS -10192		3	1.00
08363-4837	01					3	1.00
09431-4120	01					3	1.00
10259-4044	49					3	1.00
10556+7015	15	4	1	VW UMA		4	1.00
11050-5410	01	1	40		Mb	4	1.00
12006-6226	01					3	1.00
13193-6046	28					3	1.00
13308-5907	45					3	1.00
15180-6701	01	1	40		Mb	3	1.00
16359-4555	01					6	1.00
16471-4927	49					3	1.00

AUTOCLASS CLASS = $\alpha 1$ (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
17176-3939	01	1	16	08536		3	1.00
17323-2716	01					3	1.00
17494-2839	24	2	4	TMSS -30328		3	0.99
17540+1122	16	3	2	DO 4489		3	0.98
17562-1133	01	1	19	538		3	1.00
18120-5151	01					3	1.00
18275-2004	16	2	4	TMSS -20489		3	0.99
18302-2008	01	3	4	TMSS -20494		4	1.00
18527-0815	01	6	17	2678	N3	3	1.00
19375-0027	01	1	1	V601 AQL		3	1.00
19472+2923	49					3	1.00
20198+3553	15					3	1.00
21348+6825	01	1	23	LDN 1199		3	1.00
21413+6131	16	2	4	TMSS +60324		3	0.99
23357+5545	01					2	1.00

AUTOCLASS CLASS = $\alpha 2$

Name	Cl	Nid	Cat	Source	Type	In	Prob
02174+5655	50	5	1	FZ PER		2	1.00
03156+5828	80					2	1.00
04403+4322	05					2	1.00
05195+0834	01					2	1.00
05346+2106	16	4	15	1910	B4IIIpe	2	1.00
06168-2608	15	3	1	U CMA		2	1.00
06398+0124	15					2	1.00
07240+7509	14	4	4	TMSS +80017		2	1.00
07374-1418	33					3	1.00
08006-2504	05					3	1.00
11259+4950	16	1	4	TMSS +50212		3	1.00
13096-5215	01	1	1	CZ CEN		3	1.00
13320-6300	75					2	1.00
14475-5715	50	1	7	WRA1258		2	1.00
16522-4616	16	1	17	2378		3	1.00
17050+1714	14	1	1	VY HER		2	1.00
17133-2056	50	2	1	V1732 OPH		3	1.00
19137+1210	16					3	1.00
19409+2324	01	2	4	TMSS +20428		2	1.00
19580+2552	05					2	1.00
21309+6507	47					2	1.00
21381+6533	05	4	2	DO 39929		2	1.00
23113+6013	01	1	2	DO 42721		2	1.00

AUTOCLASS CLASS = $\alpha3$

Name	Cl	Nid	Cat	Source	Type	In	Prob
03359+5158	01	2	17	152		2	1.00
05214+4001	05	1	17	326		3	1.00
06089-0714	01	4	13	132935	MA	3	1.00
07161-1106	05	1	13	152695	F2	2	1.00
07438-3938	01	1	17	891	N	3	1.00
09120-4700	05					3	1.00
10318-6132	01					2	1.00
10537-6207	69					2	1.00
13327-6505	80					3	1.00
13356-5801	26					2	1.00
13590-5820	01	1	1	BC CEN		3	1.00
14178-5911	29					3	1.00
15294-5655	95					3	1.00
15569+1948	13					2	1.00
16123-4251	01					3	1.00
16175-5941	01					2	1.00
16197-5139	29					2	1.00
18395-0723	77	3	13	142518	M0	4	1.00
19115+0752	01					2	1.00
19466+2600	01	4	17	2801	R:,C5	4	1.00
19545-1122	29					3	1.00
20112-5206	01					3	1.00
20145+0654	01	5	2	DO 6615		3	1.00
20263+4245	49					2	1.00
22107+5702	80	1	23	OCL 0229		2	1.00
22336-4833	01	1	13	231213	M0	3	1.00
23068+6117	49					2	1.00

AUTOCLASS CLASS = $\alpha4$

Name	Cl	Nid	Cat	Source	Type	In	Prob
00180+6414	15					3	1.00
01551+5458	17					3	1.00
03192+5642	44					4	0.97
03467+3838	16	2	17	158	N,C6,	3	1.00
04166+5841	14					3	1.00
04365+6349	45					5	1.00
05056+3856	16	5	17	288	N	4	0.99
05447+3202	16					3	1.00
05463+2805	16					4	1.00
05495+2520	15					3	1.00
05521-2242	16					3	1.00
05592+4627	15					3	0.60
						($\alpha5$	0.40)
06214-1714	01					3	0.94
06360+3335	01	2	12	ZG 636+33		3	0.98

AUTOCLASS CLASS = α4 (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
06422+0053	16					3	1.00
06447+0817	17					4	0.69
						(λ24	0.31)
07525-5347	46					3	1.00
07546-2551	44					2	1.00
08107-3355	15					3	1.00
08151-3934	15					3	0.55
						(λ24	0.45)
08195-4027	16					3	1.00
08195+3340	14	3	17	1136	NE,C6	3	1.00
09040-4702	15	1	17	1383		3	1.00
09547-5522	45					4	1.00
10109-5958	01	1	17	1637		2	1.00
10449-4339	48	1	17	1751		3	1.00
11073-6325	43					4	0.86
						(λ24	0.14)
12227-5045	43					4	0.98
12374-5706	13	1	17	2023		3	1.00
12397-6447	44					5	1.00
13595-5254	45					4	1.00
15330-5537	44					6	1.00
16225-4844	50					5	1.00
16226-4612	44					4	0.95
16555-4456	44					5	1.00
16567-2408	16					3	1.00
17054-4342	49	1	17	2398		4	1.00
17447-2536	44					6	1.00
18008-2840	01					2	1.00
18095-2229	47					3	1.00
18230-0923	43	1	17	2578		4	1.00
18244+0107	46	5	17	2586		5	1.00
18430-0032	45					4	1.00
18473-0540	47					4	1.00
18487+0135	17					5	1.00
18520-0221	46					3	1.00
18542+0430	15					4	1.00
19029+0839	16					5	1.00
19068+0544	45					8	0.69
						(α5	0.24)
19265+1124	15					4	1.00
19464+2132	15	3	2	DO 18188		2	1.00
19535+2635	44					3	1.00
19541+2807	17					4	1.00
20333+3746	45					4	1.00
20546+6405	44					3	0.91
21140+4841	45					3	1.00
21160+5546	43					3	1.00
21265+5042	43					4	0.98
21291+5158	16					3	0.97

AUTOCLASS CLASS = $\alpha 4$ (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
21566+5309	15	2	17	3095		3	1.00

AUTOCLASS CLASS = $\alpha 5$

Name	Cl	Nid	Cat	Source	Type	In	Prob
00036+6947	44	4	17	1		7	1.00
00186+5940	45	5	1	MZ CAS		5	0.97
00248+3518	43	7	17	16	N	5	1.00
00422+5310	45					3	1.00
01531+5900	18	6	17	87	NE	4	1.00
01580+5803	44	1	7	1G 139		5	1.00
02200+4830	47	1	2	DO 25649		6	1.00
02596+6639	44					3	1.00
03415+4437	44	4	17	157	N3	4	1.00
04127+5030	44	6	17	194	NE	5	1.00
04160+5137	16					3	0.99
04165+1420	47					4	1.00
04179+4145	44					4	1.00
04262+3945	45	6	17	215	N	8	1.00
04357+4323	42					4	1.00
04504+4949	44	5	17	262	NE,R	4	1.00
05131+1155	44	6	17	307	N	7	1.00
05261+4626	43					4	1.00
05316+1757	45					4	1.00
05383+1216	44	5	2	DO 1241		7	1.00
05452+2001	15					4	1.00
05479+5721	16					4	1.00
06013+6733	44					4	1.00
06106-1329	16					4	1.00
06153+5029	17					3	1.00
06175+2347	17					4	1.00
06192+0722	46	6	17	498	N2	5	1.00
06196-2409	16					3	1.00
06216-2702	44	4	17	507	N+A5V	4	1.00
06521+1054	46	2	17	613		4	1.00
06529+0626	44	7	17	615	NE	22	0.91
06556+0614	43	6	17	632	N,R,C	8	0.99
06558+2853	44					4	1.00
06585-4111	23					5	0.99
07045-0728	45	6	17	670	N,C6,	13	1.00
07259-2353	44	1	17	774		3	1.00
07356-3549	46					3	1.00
07375-2735	47	4	17	846	N,C5,	6	1.00
07411-4404	16	1	17	874	N:,R	3	1.00
07551-0032	44					4	1.00
08174+0255	45	6	17	1123	NE,C5	5	1.00

AUTOCLASS CLASS = $\alpha5$ (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
08292-3828	45	2	17	1195		4	1.00
08434-2801	47	4	17	1285	R	4	1.00
08450-3407	46	1	17	1293		4	1.00
09112-2311	45	4	17	1404	NE	6	1.00
10084-5613	45					4	1.00
10154-4950	45	2	17	1655	N	9	1.00
10368-6033	45	3	17	1728		5	1.00
10404-5825	46					3	1.00
10591-5848	15					4	0.60
						($\lambda7$	0.27)
						($\alpha4$	0.13)
11276-5851	17	1	17	1866		3	1.00
12002-6711	44	1	17	1949		3	1.00
12085-6409	17	1	17	1968	N0	5	1.00
12226+0102	04	5	17	1999	NE,C6	14	1.00
12444-5925	44	2	17	2031	N	5	1.00
13031-5743	45					6	1.00
13092-6026	44					3	0.98
13343-5613	25	3	17	2106	NB	5	1.00
14010-5927	46					4	1.00
14190-4937	16	3	17	2157	NB	4	1.00
14202-6330	44	1	17	2158		4	1.00
14371-6233	43	1	17	2178		9	1.00
15219-7545	44	3	17	2240	NB	6	1.00
16239-1218	43	5	17	2334	NE,C7	6	1.00
16290-4503	45	2	39	CC 338+01.9		9	1.00
17172-4020	46	1	17	2429	N	11	1.00
17208-2916	43	4	17	2438	N	6	1.00
17278-3937	46	1	17	2451		6	0.99
17369-4136	44	3	17	2464	N3	8	1.00
18244-0108	45	1	17	2585		5	1.00
18370+1038	45					4	1.00
18481-0647	47	5	17	2669	C8,2E	5	1.00
19147+2149	43	6	17	2717	N,C4,	6	1.00
19184+3746	18	6	17	2724	NE	6	1.00
19272+4556	17	5	17	2739	N	5	1.00
19314-1629	43	6	17	2744	N3	15	1.00
20028+2030	17	5	17	2853	N3,C6	4	1.00
20079+4743	16	6	17	2872	N3,R3	4	1.00
20084-1425	47	3	17	2867	NE	5	1.00
20103+3927	45					5	1.00
20223+6935	44					3	1.00
20424+5921	16					3	1.00
20472+3302	46	5	17	2935	N,C5+	4	1.00
20564+1857	45					4	1.00
21070+4711	46	2	17	2988		5	1.00
21136+5705	18					4	1.00
21424+5821	44					5	1.00
21533+5414	44	6	17	3081	NB,C5	4	1.00

AUTOCLASS CLASS = $\alpha5$ (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
21547+6250	01					4	0.99
22125+5608	43					4	1.00
23493+6230	44	1	2	DO 43734		5	1.00

AUTOCLASS CLASS = $\alpha6$

Name	Cl	Nid	Cat	Source	Type	In	Prob
00161+5820	16					3	1.00
00354+6817	16	3	4	TMSS +70011		2	1.00
01156+6237	17	2	17	64		3	1.00
01302+5729	15	6	17	70	N	3	1.00
01321+3756	15	4	2	DO 8820		3	1.00
01344+6232	16	3	2	DO 24535		3	1.00
01354+6515	15	3	13	11890		2	1.00
02302-1656	15	3	4	TMSS -20034		2	1.00
02535+5555	15					3	1.00
03291+4116	01	2	17	149	N	3	1.00
03452+5301	01	4	19	62		2	1.00
05159+2442	16	3	16	01919		3	0.99
05342+4439	16					3	1.00
05449+3036	15	5	17	402	N0,LR	3	0.99
06012-2616	32	4	15	2140	K3III	3	0.98
06061+4635	14	3	1	VY AUR		3	1.00
06165-1500	16	5	15	2268	M0III	2	1.00
06267+2033	46					5	0.99
06389+3130	01	4	17	558	N,R8	3	1.00
06436-5054	15					3	1.00
06510+1200	13					2	1.00
06515-0415	15					3	1.00
07059+1006	01	6	17	675	C9,1E	4	1.00
07116-1936	32	2	17	692	N	3	1.00
07132-2155	15	1	1	BP CMA		2	1.00
07145-1428	17					3	1.00
07161-1709	34	3	4	TMSS -20127		3	1.00
07256+4047	16	5	1	HM AUR		3	1.00
07359-3322	01	1	1	KS PUP		3	1.00
07541+0950	45					3	1.00
08115+3749	15	4	1	RT LYN		2	1.00
08159-3637	17	1	17	1118		3	1.00
08470-4542	46					3	1.00
09075-2758	15	2	4	TMSS -30144		2	1.00
09336-4746	47	1	17	1502		3	0.92
10017-5224	01					3	1.00
10097-3220	16	1	4	TMSS -30160		3	1.00
10308-6707	17	1	17	1698	RPEC	3	1.00
10558-6537	44					3	1.00

AUTOCLASS CLASS = $\alpha 6$ (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
11051-5451	15	3	17	1820	N3	2	1.00
11440-6033	01					3	1.00
11525-6838	13					2	1.00
12158-6139	01					3	1.00
12178-7516	14	1	1	CH MUS		3	0.97
12439-4859	15	1	14	218- G 19	S.	3	1.00
12517-6447	16	1	17	2041		4	1.00
13193-6528	46					3	1.00
13221-6309	15	1	40		M3/5	3	1.00
13462-6306	14					2	1.00
13468-3716	16					3	1.00
14032-6740	14	1	17	2143		3	1.00
14259-5545	50	1	17	2162		2	1.00
14271-6142	15					2	1.00
15099-6536	01					2	1.00
15171-5916	15					2	1.00
16339-0317	46					3	1.00
16365-4812	44	4	16	07879	MB	3	1.00
16470-4204	14					3	1.00
17048+7151	15					2	1.00
17186-2914	15	1	19	523		4	1.00
17208-8134	33	2	16	08583	M5III	3	1.00
17488-1158	17					3	1.00
17539-2405	34					4	1.00
18115-2053	15	3	13	186521	B8	2	1.00
18316-0101	15	3	4	TMSS 00357		3	1.00
18321+0910	46	2	17	2614		3	1.00
18392-0630	14					5	1.00
18420-0916	14	4	1	AA SCT		3	1.00
18463-1706	16	2	17	2664		4	1.00
19109+0657	50					3	1.00
19207+1720	01					3	0.94
19280+1704	45					3	1.00
19321+2141	15					2	0.99
19363+2652	01					2	1.00
19399+2404	16					3	1.00
19488+2358	15					2	1.00
19569+2647	15					3	1.00
20096+4019	32					3	0.99
20103+3339	47					3	1.00
20322+3905	35					4	1.00
20415+3156	16	3	2	DO 19311		2	1.00
20473+1125	16	2	4	TMSS +10478		2	1.00
23108+6018	01					2	0.99

AUTOCLASS CLASS = β0

Name	Cl	Nid	Cat	Source		Type	In	Prob
00042+4248	26	3	4	TMSS	+40004		51	1.00
00127+5437	29						8	1.00
00428+6854	27	3	4	TMSS	+70012		8	1.00
01085+3022	29	5	16	00426		*	22	1.00
01572+5844	26						4	1.00
01577+6354	25	4	16	00693			4	1.00
02153+5711	29	6	1	BU	PER		7	1.00
02188+5652	26	5	1	RS	PER		9	1.00
02347+5649	27	4	1	YZ	PER		6	1.00
02407+3602	29	5	1	TV	PER		7	1.00
02473+5738	25	4	2	DO	26272		5	1.00
02547+1106	28	1	3	RAFGL	5087		5	1.00
03030+5532	27	4	1	IO	PER		31	1.00
03598-1353	26	2	1	WZ	ERI		4	0.39
							(β8	0.35)
							(λ21	0.24)
04209+4800	27						5	1.00
04404-7427	29	1	1	SY	MEN		8	1.00
04554+4437	25	2	4	TMSS	+40106		5	1.00
04566+5606	27	4	1	TX	CAM		169	1.00
05151+6312	29	4	16	01910		M9	32	1.00
05423+2905	29						9	1.00
05535+4822	28	4	1	LO	AUR		6	1.00
05543+5002	29						6	1.00
05559+3825	27	4	16	02749		M9	13	0.97
06193-0349	27	4	16	02938		*	14	1.00
06255-4928	29						8	1.00
06300+6058	28	4	16	03020		M9	40	1.00
07054-1039	29	3	4	TMSS	-10151		10	1.00
07153-2411	27						5	1.00
07284-0940	26	3	1	U	MON		14	1.00
07308+3037	27	4	16	03641		M9	27	1.00
07329-2352	27	4	1	DU	PUP		16	1.00
08124-4133	27	5	1	RX	PUP		23	1.00
08380-1438	27	4	16	04189		M8	6	1.00
08400-4755	26	2	1	EP	VEL		10	1.00
08491-5134	28						5	1.00
08500-3254	27	1	3	RAFGL	5253		5	1.00
08571-5901	25						5	1.00
09072-5933	26						7	1.00
09194-4518	29						7	1.00
09235-2347	28	4	16	04485		M9	22	1.00
09429-2148	28	3	4	TMSS	-20197		65	0.73
							(ε1	0.27)
09503-5439	27						4	1.00
10106-6538	27						5	1.00
10161-5633	27						8	1.00
10321-6021	29						8	1.00
10401-5327	26	1	40			M5/6 III	10	1.00

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AUTOCLASS CLASS = β0 (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
10416-6313	27	1	1	BI CAR		7	1.00
10484-5943	27	3	1	IX CAR	K5/M0 IAB	8	1.00
10495-5815	28					5	1.00
10520-6049	26	2	1	CL CAR	M3 (I)	9	1.00
10521-6146	28	3	1	BZ CAR	M1/2 IAB/B	4	1.00
11525-5057	29					13	1.00
12020+0254	26	5	1	TZ VIR		4	0.92
12310-6233	29					5	1.00
12377-6102	28					16	1.00
12379-4959	29					11	1.00
12563-6100	26					10	1.00
13141-6119	25	4	1	V396 CEN	M4 IAB/B	8	1.00
13283-5839	26					8	1.00
13340-6613	28					5	1.00
13350-7221	28	1	1	AI MUS		4	0.69
						(β1	0.31)
13379-5426	28					8	1.00
13442-6109	27					39	1.00
13457-5612	28					4	1.00
13479-5436	27					12	1.00
14008-5659	27					6	1.00
14030-4629	28					5	1.00
14086-6907	27					10	0.99
14103-6311	28	3	16	06587	E	5	1.00
14180-7107	26					6	1.00
14273-6153	25					4	0.99
14302-6026	29					5	1.00
14337-6215	26					8	0.99
14352-5537	26					4	1.00
14431-5618	29					5	1.00
14436-5736	28					4	1.00
14453-4920	29					8	1.00
14531-5337	27					17	1.00
14591-4438	26					36	1.00
15060+0947	28					5	1.00
15073-6454	29					4	1.00
15226-3603	28	2	3	RAFGL 1771		21	1.00
15255+1944	29	3	1	WX SER		24	1.00
15269-4400	28					8	1.00
15332-6430	26					9	1.00
15468-5018	27					5	1.00
15527-6041	27					5	1.00
15569-6135	29					5	1.00
15570-5515	27					9	1.00
16011-5424	29	1	16	07410	M8	8	0.97
16030-5928	27					5	1.00
16030-5156	26					14	1.00
16052-4525	28					5	1.00
16091-1655	28					4	0.99

AUTOCLASS CLASS = β0 (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
16151-4810	28					6	1.00
16218-4701	27					7	1.00
16219-5048	27					22	1.00
16254-4950	26					8	1.00
16260+3454	28	3	4	TMSS +30292		8	1.00
16264-5309	28					3	0.97
16270-5213	28	1	16	07759		5	1.00
16292-5004	28					11	1.00
16314-5018	27					3	1.00
16340-4634	27					59	1.00
16349-4031	28					4	1.00
16407-5639	29					6	1.00
16409-5128	26					4	1.00
16410-5240	29					5	1.00
16486-3014	29					6	1.00
16541-5335	27					7	1.00
16559-2557	29	1	1	EG OPH		6	1.00
16561-3459	27					7	1.00
16574-1032	28	4	16	08098	M	10	0.99
16581-4058	25					9	0.94
17001-2029	28	2	4	TMSS -20341		8	1.00
17020-5254	29					10	1.00
17025-4719	29					10	1.00
17102-1031	27	3	16	08322	M7	19	1.00
17103-0559	28					10	1.00
17104-3146	27	3	16	08331		10	1.00
17114-2448	27					5	1.00
17119-3558	26					4	1.00
17119+0859	28	5	4	TMSS +10322		54	1.00
17131-6225	29					8	1.00
17139-3746	27					10	0.60
						(β11	0.40)
17162-1934	28	2	1	V1848 OPH		10	1.00
17171-0843	27					5	1.00
17174-4641	28					11	1.00
17175-4602	28					5	1.00
17290-1826	29					4	1.00
17309-1724	28	1	3	RAFGL 5353		11	1.00
17367-2319	26	1	1	V545 OPH		8	1.00
17388-1645	26	4	1	BG OPH		6	1.00
17389-2045	28	3	4	TMSS -20378		11	1.00
17433-2523	27					9	1.00
17434-3414	28	1	3	RAFGL 5383		8	1.00
17473-2751	29	1	3	RAFGL 2015		18	1.00
17484-0800	29	4	16	09764	M9	21	1.00
17485-2209	27	2	4	TMSS -20394		7	1.00
17545-2339	28					6	1.00
17552-1254	28					5	1.00
17558-1913	26					5	1.00

AUTOCLASS CLASS = β0 (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
18018-2802	28	4	1	V1804 SGR		18	0.61
						(β1	0.39)
18044-2927	26	4	16	10220	M3	12	1.00
18050-2213	26	4	1	VX SGR		340	1.00
18076+3445	27					6	1.00
18112+1227	25	5	1	V454 OPH		5	1.00
18165-2629	29					4	1.00
18171-1219	25	3	4	TMSS -10410		6	0.96
18251-3234	26					4	1.00
18314-1131	25	1	3	RAFGL 2192		15	1.00
18325-1138	25	1	3	RAFGL 7015S		5	1.00
18328-1728	29					5	0.97
18349+1023	26	4	1	V1111 OPH		42	1.00
18361-1111	26					5	1.00
18366-0322	28					7	1.00
18409+1220	28	4	1	KX HER		11	1.00
18413+1354	29	4	16	11263	M7	28	1.00
18425-1014	27	1	3	RAFGL 5531		4	1.00
18425+1727	25	4	2	DO 16991		4	0.80
						(β8	0.20)
18436+4334	27	4	1	RW LYR		9	1.00
18451-0824	29					12	1.00
18484-1055	27					4	0.95
18512-0934	27					4	1.00
18512+2029	29					5	1.00
18517-0407	27					4	1.00
18545+1040	28					6	1.00
18556+0811	27	1	8	EIC 722		14	1.00
18560-2954	27	3	4	TMSS -30398		46	1.00
18567+1046	27					4	1.00
18595-3947	26	1	3	RAFGL 5552		128	1.00
19042-4858	29	1	1	U TEL		24	1.00
19059-2219	28	3	4	TMSS -20540		31	1.00
19093-3256	28	4	1	V342 SGR		45	1.00
19098-1502	27	1	1	EF SGR		6	1.00
19157-1706	28	1	3	RAFGL 2361		13	1.00
19186+1657	29					6	1.00
19206-0241	28	3	16	11963	M9	5	0.99
19231+3555	29	4	16	12009		16	1.00
19240+3615	29					12	1.00
19252+2201	29					6	1.00
19267+0345	26	4	4	TMSS 00436		6	1.00
19270+2239	28					5	1.00
19313-3021	28	1	1	DI SGR		5	1.00
19329+2641	27					6	1.00
19361-1658	29	2	19	612		11	1.00
19375+4322	29					4	1.00
19386+1513	29					5	0.89
						(β2	0.11)

AUTOCLASS CLASS = β0 (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
19396+1637	29	2	11	PK 53- 3.2		16	1.00
19406+4715	29					3	0.99
19422+3506	28	1	3	RAFGL 2445		23	1.00
19442-0829	29					8	1.00
19454+0355	29					6	1.00
19474-0744	28	5	1	GY AQL		53	1.00
19495+0835	28	1	3	RAFGL 5000		8	1.00
19520+0533	29	1	1	V1062 AQL		6	1.00
19553+3941	26	3	1	V1016 CYG		6	1.00
19586+3637	29	4	23	LDN 0861		13	1.00
19591+1817	27					7	1.00
20042-4241	28	2	1	V2234 SGR		26	1.00
20052+0554	29	5	16	12814	M9	15	1.00
20135-7152	29	1	16	12961		21	1.00
20156+2130	29					5	1.00
20233+3343	26					4	1.00
20234-1357	27					9	0.97
20381+5001	29					5	1.00
20403+3700	26					8	1.00
20425+3218	28	1	1	V570 CYG		5	1.00
20444+0540	29	1	8	EIC 837		6	1.00
20484-7202	29	1	40		F7/8 V	13	1.00
20549+5245	27					8	1.00
21120+0736	29					5	1.00
21206-4054	29	2	1	V MIC		13	0.91
21286+1055	26	5	1	UU PEG		18	1.00
21468+3942	29	3	16	13887	M8	6	1.00
21563+5630	26	3	4	TMSS +60334		10	0.92
22017+2806	26	5	1	TW PEG		35	1.00
22097+5647	29	5	1	CU CEP		26	1.00
22282+5644	28	6	1	ST CEP		8	1.00
22345+5809	29	5	1	W CEP		16	1.00
23213-4521	28	2	16	14540		14	1.00
23365+5159	25	5	1	SV CAS		14	1.00
23425+4338	26	4	1	EY AND		9	1.00
23496+6131	27	4	16	14731	M9	36	1.00

AUTOCLASS CLASS = β1

Name	Cl	Nid	Cat	Source	Type	In	Prob
00193-4033	28					36	1.00
00340+6251	28	4	1	TY CAS		7	1.00
01251+1626	28	4	1	ST PSC		5	1.00
01265+4624	28	4	1	CE AND		4	1.00
01597+5459	26	4	1	XX PER		9	1.00
02234-0024	29	4	1	R CET		5	1.00

AUTOCLASS CLASS = β1 (continued)

Name	Cl	Nid	Cat	Source		Type	In	Prob
02351-2711	29	4	16	00878		M9	55	1.00
03227-1231	28	5	1	VX	ERI		3	1.00
04560-0608	28	3	1	UV	ERI		6	1.00
05052-8420	27	1	16	01835			28	1.00
05150-4056	29	1	16	01911			5	1.00
05411+6957	29	5	16	02601		M8	91	1.00
06011+2829	28	4	1	BS	AUR		9	1.00
06036-2411	26	5	15	2156		M6III	32	1.00
06088+2152	28	6	15	2190		M0-1Iab	13	1.00
06241+1025	29	3	4	TMSS	+10123		5	1.00
06278+2729	27	5	1	DW	GEM		19	1.00
06363+5954	27	4	1	U	LYN		17	1.00
06398-0936	29						6	1.00
06423+0905	28	4	1	FX	MON		8	1.00
06431+1543	27	1	1	UX	GEM		5	1.00
06500+0829	28	5	1	GX	MON		84	1.00
06582-1512	29						4	0.88
							(β4	0.12)
06582+1048	28	2	1	BI	MON		6	1.00
07019-1631	28	3	4	TMSS	-20117		4	1.00
07021-0852	29	5	1	HN	MON		14	1.00
07051+6601	29	3	4	TMSS	+70074		8	1.00
07080-5948	28	1	16	03436			8	1.00
07118-3438	29						6	1.00
07152-3444	29	2	16	03513		ME	23	1.00
07304-2032	29	4	1	Z	PUP		16	1.00
07445-2613	29	2	1	SS	PUP		9	1.00
08084-1510	29	4	1	DP	PUP		7	0.98
08085-3238	29						5	1.00
08211-3302	29						5	1.00
08220-0821	29	5	1	FK	HYA		28	1.00
09203-5220	28	3	1	WY	VEL	M2pe	36	1.00
09224-3030	29						5	1.00
09285-5047	28						5	1.00
09419-5658	29						4	1.00
10118-6038	29	2	1	SU	CAR	Md	8	1.00
10153-5540	25						5	1.00
10189-3432	28	1	1	V	ANT		10	1.00
10261-5055	27	1	1	VZ	VEL		6	1.00
10359-5955	29						17	1.00
10389-5306	29						5	1.00
10541-5936	28						5	1.00
11211-6106	29						6	1.00
11485-4849	29						5	1.00
11492-6052	27	2	13	251615		M2 (IB)	6	1.00
11494-5620	29						7	1.00
12274-7647	04						14	1.00
12462-6418	29						14	1.00
12559-6041	29						9	1.00

AUTOCLASS CLASS = β1 (continued)

Name	Cl	Nid	Cat	Source		Type	In	Prob
12562+2324	28	2	1	T	COM		5	1.00
13172+4547	29	5	1	V	CVN		16	1.00
13189-6135	28						5	1.00
13342-5321	27	1	1	CE	CEN		5	1.00
14020-3515	29	2	1	AQ	CEN		29	1.00
14086-2839	26	4	1	RU	HYA		11	1.00
14106-2940	29	2	16	06588		M7	8	1.00
14251-3246	29						5	1.00
14266-4211	29						6	1.00
14301-5734	04						8	0.99
14477-5812	26						5	1.00
15216-5906	28						4	1.00
15262+0400	27	4	2	DO	3747		7	1.00
15319-4552	29						5	1.00
15568-4513	29						21	1.00
15576-1212	29	3	1	FS	LIB		8	1.00
16057-4312	28						3	0.90
							(β9	0.10)
16161-4330	26						9	1.00
16198-4654	29						6	1.00
16283-3447	29						3	1.00
16442-3123	29						4	0.99
16464-5509	28						4	0.97
16466-6903	27						5	1.00
16473-2528	29	1	1	AF	SCO		5	1.00
16548-3514	28						6	1.00
17010-4323	28						15	1.00
17041-7223	28	1	16	08202			4	1.00
17044-4838	29						4	1.00
17067-4042	29						9	1.00
17115-3322	27	2	1	RW	SCO		13	1.00
17139+0446	27	5	1	UY	OPH		7	1.00
17198-4336	28						8	1.00
17230+0113	29	1	3	RAFGL	6826S		7	1.00
17296+3231	28	1	1	KT	HER		4	1.00
17319-4319	28						5	1.00
17334+1537	29	5	1	MW	HER		19	0.98
17361+5746	28	4	1	TY	DRA		9	1.00
17426-2222	28						7	1.00
17456-3454	28						5	1.00
17540-1919	28	4	1	VV	SGR		12	1.00
17566-3555	29	3	1	V540	SGR		10	1.00
17570-3713	29	2	1	EK	CRA		12	1.00
17579+2335	29	6	1	WY	HER		9	1.00
17589-3757	29	1	1	AG	CRA		5	1.00
18009-2019	29	5	16	10099		M8	68	1.00
18028-4455	29						4	0.97
18076-1034	28	4	16	10306		M8	18	1.00
18098-2435	29	1	23	LDN 0208			4	1.00

AUTOCLASS CLASS = β1 (continued)

Name	Cl	Nid	Cat	Source		Type	In	Prob
18166-2353	29						4	1.00
18172-2305	28						9	1.00
18178-5249	28	1	1	TY	TEL		6	1.00
18213+0335	28	4	4	TMSS	00349		12	1.00
18220-3756	29						5	1.00
18221+0345	29						6	1.00
18226-2155	29						5	1.00
18238-2542	28	4	1	HO	SGR		8	1.00
18243+0352	26	6	1	V988	OPH		11	1.00
18276+8236	28	2	16	10931			8	0.97
18286-4453	29	1	16	10949			7	1.00
18392+0623	27	6	1	WY	OPH		4	1.00
18406-4324	29	1	1	V388	CRA		8	1.00
18429-1721	29	3	4	TMSS	-20514		13	1.00
18452-1948	29						4	1.00
18459-1144	29						5	1.00
18485-5450	27						5	1.00
18502-0253	28						8	1.00
18540+3005	29	4	16	11563		M9	8	1.00
18580-0747	29	1	39	OU-097			4	0.96
19095-2311	29	1	1	V1256	SGR		8	1.00
19152-3640	29	1	1	V924	SGR		7	1.00
19198+0501	29						5	1.00
19224+0732	29	1	8	EIC	766		4	1.00
19224+3213	29						4	1.00
19238+0211	29	1	1	V366	AQL		5	1.00
19271+1354	29						6	1.00
19320+1951	27						5	0.94
19321+3716	29						4	1.00
19394+4840	29	4	1	V391	CYG		5	1.00
19412+0337	29	5	16	12342		M9	16	1.00
19425+3323	29						5	1.00
19525+2648	29						5	1.00
19536+3237	28	4	1	V468	CYG		13	1.00
19550-0201	27	6	1	RR	AQL		39	1.00
19561+2958	29						3	1.00
19580+4151	29						4	0.76
							(β4	0.24)
20042+1040	28	1	1	V466	AQL		5	1.00
20046-8131	29						5	1.00
20047+1248	28	5	1	SY	AQL		9	1.00
20095+3533	28	4	1	V430	CYG		4	1.00
20109+3205	29	6	1	V557	CYG		8	1.00
20161-1600	28	4	1	AE	CAP		7	1.00
20165+3413	27	5	1	AU	CYG		11	1.00
20194+1707	29	1	1	UW	DEL		4	0.99
20264+4319	27						8	1.00
20296-2151	28	4	1	RU	CAP		6	1.00
20320+1534	29	1	1	AF	DEL		4	0.99

AUTOCLASS CLASS = β1 (continued)

Name	Cl	Nid	Cat	Source		Type	In	Prob
20350+3741	29	4	16	13180		M9	15	1.00
20350+5954	29	4	17	2919		N,R,C	5	1.00
20351+3450	29	1	23	LDN	0870		4	1.00
20440-0105	27	5	16	13284		M8	20	1.00
20529+3013	29	5	1	UX	CYG		26	1.00
20541-6549	29						21	1.00
20545+6650	29	1	1	FQ	CEP		3	1.00
21044-1637	27	5	1	RS	CAP		28	1.00
21069-3843	29	1	3	RAFGL	5592		20	1.00
21094+2808	28						4	1.00
21105+4746	28	2	23	LDN	0975		4	0.96
21270+7135	29	4	16	13743		M5	12	1.00
21419+5832	28	6	15	8316		M2Iae	167	1.00
21456+6422	28	5	1	RT	CEP		22	1.00
21509+6234	27	1	3	RAFGL	5646S		4	1.00
22231-4529	29						14	1.00
22233+3013	29	4	1	RV	PEG		17	1.00
22456+5453	27	5	1	U	LAC		15	1.00
22516+0838	29	5	2	DO	7912		14	1.00
23024+6729	29						5	1.00
23504+6043	29	6	1	TZ	CAS		11	1.00

AUTOCLASS CLASS = β2

Name	Cl	Nid	Cat	Source		Type	In	Prob
00474+6246	27						3	0.92
00479+4614	29						5	1.00
02391+3211	26	4	2	DO	9477		3	0.94
02433+6345	29						4	1.00
03008+5637	29						3	1.00
03022+5409	29						3	0.94
03287-1535	29						8	1.00
04085+5347	27						4	1.00
05434+5631	27						2	1.00
05438+0217	27	2	4	TMSS	00086		4	1.00
06329-0106	29						5	0.98
07045+2418	29						3	1.00
07200-1846	29						3	1.00
07253-6417	26	1	16	03599			3	1.00
07365-0859	14	2	4	TMSS	-10173		3	1.00
07479-3925	28						4	0.99
08098-4547	69						4	1.00
09357-4309	27						3	1.00
10033-5950	29						3	1.00
10127-6026	29						3	1.00
10311-5506	29						3	1.00

AUTOCLASS CLASS = β2 (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
11016-6000	29	1	40		A0 V	4	1.00
11482-6633	29					4	0.97
11567-6256	29					4	0.99
11589-6447	29					4	1.00
12041-5050	29					4	1.00
12150-6320	25	3	1	AO CRU	M0 IA/IB	3	1.00
12309-5624	29					5	1.00
12319-5905	29					4	1.00
12372-6034	28					2	1.00
12538-6446	69					4	0.97
13190-6251	28					3	1.00
13317-5114	28	1	1	EU CEN		4	0.95
13349-6453	29					4	0.80
						(β11	0.20)
13466-3512	65					4	1.00
13556-6023	28					4	1.00
13583-5413	69					3	0.89
						(β4	0.11)
14113-5334	29					4	1.00
14169-6529	29					4	0.52
						(β0	0.48)
14207-6556	29					4	1.00
14275-5558	27					3	1.00
14344-6835	29	1	16	06734		3	0.99
14369-6146	27					3	1.00
14507-6401	27					3	1.00
14595-4124	29					4	1.00
15097-5234	26					3	1.00
15238-5951	28					3	1.00
15291-5527	29					3	1.00
15297-6040	26	1	1	RX TRA		4	1.00
15373-4953	29					3	1.00
15431-6324	26					3	1.00
16047-5031	69					5	1.00
16156-5613	29					9	1.00
16156-2837	27	4	16	07606		5	1.00
16163-4824	69					3	1.00
16190-5146	28					3	1.00
16222-5144	29					3	0.99
16241-0230	28	3	1	V707 OPH		3	0.60
						(β4	0.40)
16290-3741	26					3	1.00
16368-5604	29					3	0.87
16372-2347	69	2	7	150193		4	1.00
16375-6109	69					3	1.00
16389-4932	29					4	1.00
16447-4142	27					4	0.99
16482-2932	29					4	1.00
16502-4051	27					4	1.00

AUTOCLASS CLASS = β2 (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
17062-2758	29					3	0.97
17122-2019	29	2	1	V1695 OPH		4	1.00
17237-3011	66					3	1.00
17255-5355	25	1	1	FH ARA		3	0.78
						(β9	0.21)
17256+0504	26	3	4	TMSS +10329		3	1.00
17262-3801	27					4	1.00
17266-2319	25					3	1.00
17296-3155	26					4	0.93
17373-3446	27					4	1.00
17379-1006	28					3	0.94
17386-3257	69					4	1.00
17399-2204	28					4	1.00
17403-3744	29					4	0.57
						(ε2	0.43)
17495-1704	29					4	1.00
17496-3107	28					6	1.00
17497-3128	27					4	0.53
						(β9	0.47)
17518-3633	26					3	1.00
17518-1014	27	2	4	TMSS -10384		4	1.00
17589-2419	29					4	1.00
18060-3451	27					3	0.99
18089-3415	26					4	1.00
18091-1656	27					4	1.00
18099-1449	26					4	1.00
18106-3231	27					4	1.00
18162-0922	29					5	1.00
18246-6456	29	1	16	10827		4	1.00
18290-2459	29	3	16	10970	M	7	1.00
18321-1547	29					3	1.00
18324-1751	28					3	1.00
18359-0551	67					4	1.00
18364-3915	28					3	1.00
18367-6047	29	1	16	11160		3	1.00
18375+0510	29					4	1.00
18432+1343	28					4	1.00
18433+0524	29					4	1.00
18449-0454	29	1	23	LDN 0528		3	1.00
18459-0624	29					3	1.00
18501-0134	26	1	23	LDN 0589		4	1.00
18508-4916	29					3	1.00
18516-0652	29					3	0.93
18532-0515	27					3	1.00
18549+0905	29					5	0.99
18552-0600	28					3	1.00
18572+0618	27					3	1.00
19014+2904	25	4	1	YZ LYR		4	1.00
19021+0936	26					3	1.00

AUTOCLASS CLASS = β2 (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
19032+1715	27	3	4	TMSS +20386		3	0.96
19036-0002	29					4	1.00
19076+0614	26					3	0.99
19088+1129	29					3	1.00
19124-2523	29					4	1.00
19143+1817	27					4	1.00
19195+0522	29					3	1.00
19235+0324	28	3	1	V364 AQL		4	0.99
19291+0502	29	1	1	V1248 AQL		4	0.99
19441+4520	29					4	1.00
19454+2536	28					3	1.00
19494+2701	29					4	1.00
19499+2141	29					3	0.95
19507+2929	26					3	0.99
19568-0002	27	1	1	V566 AQL		3	1.00
20000+4954	69	5	1	Z CYG		9	0.96
20003-5552	26	3	1	RR TEL		4	1.00
20127+2430	29					3	1.00
20168-7849	29					5	1.00
20171+2732	28					4	1.00
20174+3821	67					3	1.00
20290+6652	27					3	1.00
20343-3020	28	1	1	RT MIC		3	1.00
20423+2742	29					3	1.00
20571-3706	29					4	1.00
21046-2407	27	1	1	V CAP		3	1.00
21216+5536	29					3	1.00
22103+5120	29					3	1.00
22189-6107	69	1	1	UU TUC		5	1.00
22466+6942	29					3	1.00
22531+5455	26	2	4	TMSS +50451		4	1.00
23485+5212	28					3	1.00

AUTOCLASS CLASS = β3

Name	Cl	Nid	Cat	Source	Type	In	Prob
05184+4208	29					3	1.00
06182+1355	28					4	1.00
06304+3738	28	1	2	DO 12304		3	1.00
07300-2140	29					3	1.00
08239-3323	29	1	13	199214		3	1.00
08267-4357	24	1	23	CED 106A		3	1.00
09066-5357	28					3	0.99
10241-6037	28	1	7	WRA 566		2	1.00
11041-5820	29	1	23	OCL 0839		4	0.93
11342-6240	29	2	23	CED 118		3	1.00

AUTOCLASS CLASS = β3 (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
11538-6301	25					2	1.00
12337-6115	25					3	1.00
12552-6300	28					3	1.00
13198-6224	24					5	1.00
13438-5823	29					3	1.00
14014-6210	29					3	1.00
15153-5211	28					3	1.00
15206-5708	28					2	1.00
16124-4748	29					3	0.99
16131-5918	29	1	1	DL NOR		3	1.00
16371-7925	28	1	16	07888		3	1.00
16482-2039	29					3	1.00
16570-4403	64					3	1.00
17014-4145	01					7	0.91
17083-3748	29					3	1.00
17160-2900	27					3	1.00
17504-1902	29					3	1.00
17546-3811	29					3	1.00
18102-2928	25					3	1.00
18128-2055	27					3	1.00
18158-2947	01	2	4	TMSS -30375		2	1.00
18244-3033	28					2	1.00
18400-1645	29					3	1.00
18518-0117	24	1	23	OCL 0087		3	1.00
18536-0019	27	1	2	DO 5202		3	1.00
18538-4148	15					2	1.00
18573+0334	26					3	1.00
19023+0204	29					3	0.87
						(β6	0.13)
19090+1746	29					3	1.00
19157+2252	29					3	1.00
19164+0411	13	4	1	V812 AQL		3	1.00
19244+1809	29					3	1.00
19351+1922	29					3	1.00
19519+2527	29					3	1.00
20028+3602	29	1	16	12773		3	1.00
20135+5935	28	3	1	V786 CYG		4	1.00
20139+2404	27					3	0.74
						(β5	0.23)
20449+2227	26					3	1.00
20567+4727	25	6	1	DH CYG		3	1.00
21249+5223	29					2	1.00
22471+5902	26	2	4	TMSS +60367		3	1.00

AUTOCLASS CLASS = β4

Name	Cl	Nid	Cat	Source	Type	In	Prob
00070+5253	29					4	1.00
02047+5901	27	3	4	TMSS +60073		3	1.00
04264+3853	29	1	1	GZ PER		3	1.00
05195-1558	69					3	1.00
06170+3523	28					5	1.00
07179+2505	29	5	17	716	N,R	7	1.00
07222-2005	29					4	1.00
07436-0610	27					3	1.00
08016+4107	29					4	0.99
08165-5557	69					3	1.00
08425-2856	29	2	16	04230	M1	4	1.00
08464-6743	69					3	1.00
09056-4619	29					3	1.00
09118-5723	29					3	1.00
10425-6252	29					3	1.00
11162-6121	28					3	0.97
11357-6713	29					3	1.00
12024-6057	29					3	1.00
12180+6135	29	4	1	RY UMA		4	1.00
12451-5624	69					3	1.00
12537-6043	29					3	1.00
12593-7355	29	1	1	CS MUS		3	1.00
13116-6036	28	1	23	MRSL 305+02/1		3	1.00
13199-6419	29	1	1	NU CEN		5	1.00
13363-6517	28					3	1.00
13515-6523	29					3	1.00
13518-5844	29					4	1.00
13522-5741	29					3	1.00
13526-5359	29					3	1.00
14135-7502	29					3	0.97
14336-5224	28					3	1.00
14590-6153	27					3	0.97
15114-0142	28	5	1	Y SER		4	1.00
15115-5920	29					3	1.00
15180-4919	01					3	1.00
15211-4254	29					5	1.00
15269-3042	29					4	1.00
15312-6144	69					4	1.00
15334+2555	28	2	1	RU CRB		3	1.00
15413-6518	29					4	1.00
15468-6149	29					3	0.97
15506-5623	29					4	1.00
15598-5801	29					5	1.00
16000-3332	29					3	1.00
16009-7522	29					5	1.00
16114-5155	29					6	1.00
16120-5340	29	1	16	07560	M8	4	1.00
16173-3202	69					3	0.99
16196-5647	29					3	1.00

AUTOCLASS CLASS = β4 (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
16359-4751	29					3	1.00
16383-4122	29					3	1.00
16507-4644	29					3	1.00
17011-4829	29					3	1.00
17014-3329	29					3	1.00
17105-2804	29					3	1.00
17193-0601	28					3	0.99
17220-2912	29					2	1.00
17244-6431	29					4	1.00
17301-3720	28					3	1.00
17346-2312	29					4	1.00
17354-3358	29					3	1.00
17371-3505	29					4	1.00
17399-2608	29	1	16	09551		3	1.00
17403-0658	29					3	1.00
17409-5208	29					5	1.00
17449-4242	29					4	1.00
17490-0226	29	3	4	TMSS 00324		6	1.00
17544-1802	29	2	23	LDN 0292		4	1.00
17566-3255	29	1	23	LDN 1760		4	1.00
17573-2259	29					3	1.00
18042-4801	29					3	1.00
18134+0119	29	1	16	10454		3	0.99
18205-0147	29					3	1.00
18209+0928	69					3	1.00
18243-3555	29					3	1.00
18243-0722	29					3	1.00
18268-1656	29					2	0.90
18270+0326	29					4	1.00
18278+0931	29					3	1.00
18363-3336	29					3	1.00
18556+2027	29					3	1.00
18582-2730	29					3	0.98
18587-0534	29					3	1.00
19061+3424	69					3	0.99
19129+2803	29	1	39	B2.2 1913+28C		3	1.00
19149-1435	29	1	1	V2134 SGR		3	1.00
19251+2444	29					3	1.00
19270+2209	29					3	0.99
19272-1929	28	2	4	TMSS -20565		3	0.92
19309+2022	29					3	1.00
19395+1949	28					2	1.00
19525+1128	28	2	4	TMSS +10443		4	1.00
19556-0344	29					3	0.85
						(β2	0.15)
20241+3156	29					3	1.00
20253+2407	29					3	1.00
20396-0826	69	1	1	XX AQR		3	1.00
20427+4953	29					3	1.00

AUTOCLASS CLASS = β4 (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
21037+3000	29	3	2	DO 19985		6	1.00
21062+0058	29					4	0.93
21160-6728	29	2	16	13648	M5III	5	1.00
21474+4308	29					4	1.00
23006+1105	29	1	1	AK PEG		6	0.99

AUTOCLASS CLASS = β5

Name	Cl	Nid	Cat	Source	Type	In	Prob
01400-6921	14					3	1.00
06291+0122	29	3	1	V485 MON		2	1.00
07037+3141	13	2	4	TMSS +30174		2	1.00
07231-0300	25					2	1.00
09453-4828	27	1	1	FL VEL		2	1.00
10439-4955	01					2	1.00
11519-7029	29					2	1.00
14217-7757	28					2	1.00
14331-5213	28					2	1.00
14345-5529	29					2	1.00
14500-6200	27					2	1.00
14502-6010	29					2	1.00
15236-5241	28					3	1.00
15240-6550	29					2	1.00
15264-6343	25					2	1.00
15415+0232	14	3	4	TMSS 00270		2	1.00
15571-6629	28					2	1.00
16037+4218	28					2	0.95
16110-3522	12					2	1.00
17004-0151	29					2	1.00
17023-3659	29					2	1.00
17039-3348	27					2	1.00
17069-4202	26					3	1.00
17095-4001	64					3	1.00
17221-3220	13					2	1.00
17286-3637	25					2	1.00
17438-3230	24					3	1.00
17547-2013	29					3	1.00
18202-2101	28					3	1.00
18278-2550	29					3	0.90
18290-1145	01					3	1.00
18399-0149	69					3	1.00
19236+1908	26					2	1.00
19479+2111	28					2	1.00
19577+2430	29					2	1.00
21238+4519	28	1	1	V1243 CYG		2	1.00

AUTOCLASS CLASS = $\beta 6$

Name	Cl	Nid	Cat	Source	Type	In	Prob
03453+3207	29					3	1.00
04505-1006	69					3	1.00
07144+1759	29					3	1.00
08360-5723	69	1	14	165- G 3	Sb	2	1.00
12112-6158	05					3	1.00
13107-6324	27					2	1.00
14319-7154	29					2	1.00
15067-5159	29	1	16	06961		2	1.00
15191-2352	64	1	4	TMSS -20284		2	1.00
15276-5518	69					3	1.00
15324-6157	29					3	1.00
15521-5751	29					2	1.00
16376-4002	29					3	1.00
17083-4433	29					2	0.96
17222-3047	05					2	1.00
17445-1308	29					3	1.00
17455-1601	69					3	1.00
17494-2026	69					2	1.00
17573-1104	29					3	0.88
						($\beta 3$	0.12)
17574-1247	29					3	1.00
18034-1441	69					1	1.00
18050-0518	29					4	1.00
18061-3140	69					3	1.00
18186-2018	29					3	1.00
18326-6138	29					2	1.00
18462+1208	29	1	1	LL HER		2	1.00
18490+1158	29					3	1.00
19058-0718	29					3	1.00
19259+0510	69					3	1.00
19312+1130	29					3	1.00
19343+0912	29	1	1	V635 AQL		3	1.00
19437+2408	29					4	1.00
19579+3653	29	2	16	12669	M	2	1.00
20004+2955	69	1	1	V1027 CYG		5	1.00
20140+3620	29					3	1.00
20187+6256	29					3	1.00
20268+0040	69	1	1	V845 AQL		3	1.00
20290+3254	29					3	0.99
21276+5200	29					2	1.00
23176+4658	29	2	1	EU AND		2	1.00

AUTOCLASS CLASS = $\beta 7$

Name	Cl	Nid	Cat	Source		Type	In	Prob
03093+4313	29						3	1.00
03364+3606	29						3	1.00
04312+1007	29	1	1	BX	TAU		2	1.00
05144+1229	29						3	1.00
05208-2035	29						2	1.00
05288+3318	29						2	1.00
06550-1915	29						2	1.00
07193-2826	69						3	1.00
07372-1036	29						2	1.00
08517-2436	29						3	1.00
08595-5445	29	1	16	04353			3	1.00
09062-5735	69						3	1.00
09098-5550	29						3	1.00
10058-5250	29						2	1.00
10289-5305	29						2	1.00
10422-5338	29						2	1.00
11192-5709	29						3	1.00
11333-5752	29						3	1.00
11567-2652	29	1	16	05406			3	1.00
12205-5719	01						3	1.00
13245-2446	29	1	16	06249			3	1.00
13312-6322	69						2	1.00
13568-6232	29	1	40			A2/5 (V)	3	1.00
14337-5716	29						3	1.00
14370-4050	69						2	1.00
14539-5145	29						3	1.00
14542-4631	29						2	1.00
14571-2135	29						4	1.00
15191-3905	29						3	1.00
15367+1044	29	4	2	DO	3798		2	1.00
16014-5329	01	1	16	07412		M9	3	1.00
16174-5834	69	1	1	EF	NOR		3	1.00
16230-5109	29						3	1.00
16231-4436	29						3	1.00
17093-1633	29						3	1.00
17470-4339	29						2	1.00
17522-2826	29						3	1.00
18009-5615	29						3	1.00
18041-2242	29						3	1.00
18128-2158	69						3	1.00
18260-0250	29						3	1.00
18280+0521	29						3	1.00
18392-0703	29						3	1.00
18394-1611	29						2	1.00
18457-4507	29						3	1.00
19029+2305	29						3	1.00
19061-1514	29						3	1.00
19153+1639	01						4	1.00
19167+1733	29						3	1.00

AUTOCLASS CLASS = β7 (continued)

Name	Cl	Nid	Cat	Source		Type	In	Prob
19263-1922	29						3	1.00
19265+3116	29						3	0.96
19298+3145	29	4	1	V1125	CYG		4	1.00
20246+1456	29	1	1	WX	DEL		3	1.00
20276+3033	01						2	1.00
20363+3401	29						3	1.00
22052+4034	29						2	1.00
22170+6650	29						3	1.00
22396+5341	29	1	1	AN	LAC		3	1.00

AUTOCLASS CLASS = β8

Name	Cl	Nid	Cat	Source		Type	In	Prob
00050-2546	26	4	1	SY	SCL		6	1.00
00484+6238	22	4	1	VY	CAS		7	1.00
01041+4908	26	3	16	00401		M9	4	0.97
01145+5902	22	4	1	BQ	CAS		4	1.00
01217+2341	23	3	13	74694		M3	7	1.00
01217+6049	23	4	1	BT	CAS		8	0.82
							(λ34	0.18)
01438+1850	23	5	1	SV	PSC		11	1.00
01519+0427	24	4	4	TMSS	00028		4	1.00
01527+1656	25	3	13	92697		MB	5	0.98
02145+7831	26	4	1	AG	CEP		5	1.00
02185+5622	25	5	1	SU	PER		7	1.00
02238-5947	24	2	1	S	HOR	ME	4	1.00
02302+4525	24	4	1	UX	AND		16	1.00
02384+3418	23	4	1	W	TRI		7	1.00
02522-5005	24	3	15	868		M7III	88	1.00
03170+3150	25	4	1	UZ	PER		9	0.96
03336-7636	26	1	1	X	MEN		6	1.00
03449+5041	24	4	2	DO	27580		6	1.00
03489-0131	24	5	1	SU	ERI		10	1.00
03503+6925	24	2	4	TMSS	+70048		4	0.95
03505-0919	26						6	1.00
03511-4558	25	2	1	U	HOR	M6E	7	1.00
04094-2515	24	4	1	W	ERI		12	1.00
04140-8158	24	2	1	U	MEN		32	1.00
05062+6658	25	2	16	01847			4	1.00
05096-4834	25	1	1	S	PIC		22	1.00
05098-6422	26	1	1	U	DOR		15	1.00
05351-0147	24	6	1	X	ORI		11	1.00
05367+3736	25	5	1	RU	AUR		20	1.00
05390+1448	25	5	1	FX	ORI		5	1.00
05528+2010	26	8	15	2063		M6.5IIIe	77	1.00
05534+4530	25	5	1	TW	AUR		15	1.00

AUTOCLASS CLASS = β8 (continued)

Name	Cl	Nid	Cat	Source		Type	In	Prob
06027-1628	25	5	15	2148		A2eShell	16	1.00
06038-0541	25	3	4	TMSS -10109			6	1.00
06092+2255	23	6	15	2197		M1-2Ia-Iab	11	1.00
06349-0121	25	5	1	SY	MON		16	1.00
06403-1424	23	4	1	DY	CMA		7	1.00
06434-3628	23	2	1	CH	PUP		6	0.98
06496-1858	26	4	1	DL	CMA		7	1.00
06515+0051	25	5	1	QR	MON		4	0.98
06546-2353	23	4	1	X	CMA		9	1.00
07245+4605	23	7	19	230			21	0.98
07418-2850	24	7	15	2996		A2Iabe	29	1.00
07585-1242	25	4	1	U	PUP		11	1.00
08196+1509	24	4	1	Z	CNC		7	1.00
08260-7054	24						5	1.00
08372-0924	24	4	1	RV	HYA		11	1.00
08375-1707	22	4	1	AK	HYA		31	1.00
08456-3837	26						4	1.00
08534-1901	23	4	16	04312			7	1.00
09273-5157	23	1	1	Y	VEL		12	1.00
09481-4425	22	1	1	SZ	VEL		7	1.00
09590-5023	24						6	1.00
10111-6435	25	1	40			B9 V	4	0.98
10360-5633	24						8	1.00
10403-7612	25						5	1.00
10411+6902	23	4	1	R	UMA		12	1.00
10423-5748	24						5	1.00
10456-5712	23	5	15	4226		M1II	21	1.00
10521+7208	26	5	1	VX	UMA		5	1.00
10541-6325	27						6	0.99
11081-4203	25						4	1.00
11113-5949	26	2	40			M2/3	20	0.98
11163-3012	23	4	16	05170		M8	5	0.99
11466-4128	23	3	1	X	CEN	Md	16	1.00
11473-2718	22	4	13	180222		M3III	7	1.00
11509-7534	26						5	0.92
11549-6833	25						3	0.96
12151-4610	26	1	1	V370	CEN		8	1.00
12195-5527	26						4	1.00
12230-5943	23	2	1	ST	CRU		17	1.00
12295-5718	24	2	1	U	CRU	Md	7	1.00
12449+3838	26	3	1	U	CVN		5	1.00
12454-6659	26						9	1.00
12506-6004	04	6	16	06012		B2 IB	12	1.00
12543-5958	26						3	0.99
14003-7633	22	5	15	5261		M6.5III:	109	1.00
14023-6018	26						8	1.00
14117-5357	26						5	1.00
14247+0454	24	4	1	RS	VIR		14	1.00
14251-6256	26						12	1.00

AUTOCLASS CLASS = β8 (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
14281-6318	25	1	39	GN27		4	1.00
14286-4706	25					5	1.00
14371+3245	22	5	1	RV BOO		16	1.00
14455-5054	25					7	1.00
14559-5446	24	2	1	Y LUP	Md	9	1.00
15193+3132	24	4	1	S CRB		25	1.00
15223-0203	24	5	2	DO 3724		16	1.00
15304-5704	24					6	1.00
15483+1517	24	5	15	5894	M7IIIe	25	1.00
15545-4349	22	2	16	07357-	M0	7	1.00
15566+3609	26	4	1	RS CRB		7	0.98
16011+4722	24	7	1	X HER		62	1.00
16090-5939	23	1	1	SS NOR		5	1.00
16211+3057	15	4	1	RY CRB		5	1.00
16390-4354	24					5	1.00
16406-3437	25					4	0.99
16418+5459	24	3	1	S DRA		17	1.00
16434-5850	22					5	1.00
16571-7548	27	1	1	CZ APS		6	1.00
17034-1024	26	4	1	V850 OPH		5	1.00
17068-5745	25					6	1.00
17141-1737	25	3	1	V1769 OPH		8	1.00
17190+2658	26	1	1	V393 HER		5	1.00
17194-3354	25					6	0.72
						(β9	0.28)
17314-6402	23					5	1.00
17329+5359	25	3	4	TMSS +50267		5	1.00
17343+1052	25	1	1	V790 OPH		5	1.00
17479-2927	25					8	1.00
17538-3728	24	2	1	V438 SCO		7	1.00
17538-3118	23	3	4	TMSS -30337		5	0.97
17554+2946	26	4	1	AU HER		4	1.00
17556+8039	24	3	4	TMSS +80034		3	1.00
18009-4001	25					6	0.98
18057-2616	26	3	16	10254	M	8	1.00
18100-2808	25	2	1	V1580 SGR		5	1.00
18125-7741	23	2	13	257579	M4/6	7	1.00
18172-5544	24					5	1.00
18181+2550	24	3	2	DO 16684		3	0.99
18183+0554	27	6	1	V1014 OPH		4	0.51
						(β1	0.40)
18196+5030	26	3	16	10701	M9	4	1.00
18305-1408	26	5	13	161599	K5	6	1.00
18309-6955	24	3	1	RT PAV	M4/5 III	7	1.00
18367-2842	22	3	4	TMSS -30392		5	1.00
18460+1903	22	5	1	MZ HER		5	1.00
18498-4058	24					4	1.00
18520-1635	24	4	1	UX SGR		14	1.00
18550+0023	24	5	1	UW AQL		5	1.00

AUTOCLASS CLASS = β8 (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
19039+0809	23	7	15	7243	M7IIIev	55	0.95
19044-2856	24	3	1	AG SGR		4	1.00
19071+2934	26	3	1	V LYR		5	1.00
19098+6601	22	4	1	SZ DRA		7	1.00
19126-6941	24					5	1.00
19128+2159	26	4	16	11847	M9	6	1.00
19188-1603	23	6	15	7342	B2Vpe+A2IaShell	16	0.97
19243+7135	24	4	1	YZ DRA		7	1.00
19250-6953	22	2	16	12042	MB	5	1.00
19261-4024	24					3	1.00
19306+0455	43	5	2	DO 5886		8	1.00
19324+3033	26	1	1	HR CYG		7	1.00
19328+0035	25	4	1	V607 AQL		6	1.00
19356+1136	24	5	1	RT AQL		13	1.00
19472+2127	23	3	4	TMSS +20436		5	1.00
19503+2219	24	5	2	DO 18264		26	1.00
19562+1552	15	5	1	V429 AQL		4	1.00
20094-1121	22	3	13	163335		9	1.00
20113+4917	24	5	1	AC CYG		14	1.00
20141+3113	26					4	0.99
20259-4035	24	1	1	U MIC		7	1.00
20297+3221	23	3	1	AI CYG		5	1.00
20376+5320	24	4	1	V1202 CYG		3	1.00
20392+1141	23	3	1	Y DEL		5	1.00
20417-0500	23	4	1	Y AQR		6	1.00
20431+1754	23	5	15	7941	M5II-III	21	1.00
21000+8251	23	2	1	X CEP		4	0.98
21015+4859	27					4	1.00
21191+5609	22	3	16	13669	M6	4	1.00
21208+7737	26	4	1	GH CEP		8	1.00
21341+5101	26					4	1.00
21389+5405	24	4	1	RU CYG		23	1.00
22000+5643	23	4	1	YY CEP		5	1.00
22142-8454	23	2	13	258927	M7III	20	1.00
22190-0751	25	5	1	DZ AQR		11	1.00
22385+4944	25	4	1	GI LAC		5	1.00
22413+5929	26	4	16	14295	M4	8	1.00
22494-2534	23	3	4	TMSS -30455		5	1.00
22525-2952	22	5	1	V PSA	M7/8 III	28	0.79
						(λ30	0.21)
22540-5740	22	3	13	247653	M8III	17	1.00
23236-6917	25					5	1.00
23261-6502	26	1	40		M6 III	4	1.00
23528+4821	22	5	1	RS AND		17	1.00
23558+5106	24	7	15	9066	M7IIIe	192	1.00

AUTOCLASS CLASS = β9

Name	Cl	Nid	Cat	Source		Type	In	Prob
02028+4029	26	4	1	AH	AND		4	0.97
02360+5922	23	5	1	GP	CAS		4	1.00
02462+6212	24						3	1.00
02493+3629	27						3	0.98
04292+3100	22	3	4	TMSS	+30088		8	0.52
							(λ27	0.45)
05091+4639	27						3	1.00
05146+2521	29						4	0.97
06300+3137	25	4	1	AL	AUR		4	1.00
06564+2606	25	5	1	SW	GEM		3	1.00
07197-1451	27	3	19	225			4	1.00
08100-2334	28	1	1	LZ	PUP		3	1.00
08113-4844	27						3	1.00
08172-1955	25	3	16	04005		M7	3	1.00
08299-3148	26	2	4	TMSS	-30129		3	1.00
08534-2405	24	2	4	TMSS	-20177		3	1.00
09197-8334	24						2	1.00
09367-4930	25						3	1.00
10342-7027	25	2	1	RZ	CAR	Md	3	1.00
10509-6022	26	2	16	05005			3	1.00
11034-6618	25						3	1.00
11218-6129	24						3	1.00
11273-5723	27						3	1.00
12363-6403	25						3	1.00
12364-6539	14						3	1.00
13422-6135	26						3	1.00
13553-5908	27	1	40			B8/9 III/IV	3	1.00
14174-6707	25						4	1.00
14473-6842	29	1	16	06823			4	0.96
14498-6257	14						3	1.00
14524-2148	24	3	1	EG	LIB		3	1.00
14587-6608	25						4	0.96
15162-7423	28						4	1.00
15397-6200	28	1	40			K5 III	4	0.97
15550-4340	25	1	1	AY	NOR		4	1.00
15583-7926	27	1	1	BE	APS		3	1.00
16103-4929	44						4	1.00
16124-6841	26	1	16	07568			4	1.00
16250-5229	29						3	1.00
16269-5953	26	1	1	FS	NOR		3	0.99
16319-4923	27						3	1.00
16326-4056	24						3	1.00
16458-3828	28						4	0.98
16499-3956	25						3	1.00
16519-4735	29						3	1.00
16546-5845	25						4	0.90
							(β1	0.10)
16565-3754	27						3	1.00
17034-5230	29						5	1.00

AUTOCLASS CLASS = β9 (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
17094-4735	25	1	16	08284		3	1.00
17118-3935	25					6	1.00
17121-5747	28	1	1	V509 ARA		4	0.89
						(β1	0.11)
17154-4744	26					3	1.00
17215-4626	28					2	1.00
17342+3127	14	2	2	DO 16105		3	1.00
17359+0441	13	1	1	V799 OPH		3	1.00
17369-3534	27					4	0.97
17369-2606	24	1	23	LDN 0064		3	0.97
17410-3451	27	1	14	393-SC 17	OC	3	1.00
17468-1503	27					4	1.00
17505-2934	26					3	1.00
17536-2805	27					3	1.00
17571-2030	26					3	1.00
17571-1447	29					3	0.99
18046-2322	27					4	0.96
18155-1036	25					5	1.00
18202+0636	25	1	1	V883 OPH		3	1.00
18302-1200	28					4	0.99
18361+1108	25					3	1.00
18366-0343	14					4	1.00
18407-6010	25					2	1.00
18506-1641	24					3	1.00
18530-1743	27					4	1.00
19053+3006	14	2	4	TMSS +30358		3	1.00
19139+5412	28					3	0.87
						(λ12	0.13)
19177-0708	14	2	4	TMSS -10504		3	1.00
19231-2334	27	1	1	V1273 SGR		5	0.99
19239-3904	24					3	0.99
19240+1634	22	4	16	12022	M9	4	1.00
19314+1619	26					3	1.00
19479+3541	27	1	1	V1000 CYG		3	1.00
19547+1848	27	1	1	RX SGE		4	1.00
19579+3223	28					4	1.00
20011+2950	24					5	1.00
20105+3313	14	3	16	12901	M7	3	1.00
20598+1758	27					3	1.00
21405+5250	27	3	1	V1088 CYG		3	1.00
22112+5322	25	3	13	34185	M0	3	1.00
22222+3605	25	3	2	DO 21455		4	1.00
22316+5623	27	3	1	BX LAC		4	1.00
22553+1744	26	5	1	BI PEG		4	1.00

AUTOCLASS CLASS = β10

Name	Cl	Nid	Cat	Source		Type	In	Prob
06346+1444	28	4	1	UU	GEM		4	1.00
08054-3645	01						2	1.00
08149-1339	28	1	1	SV	PUP		4	1.00
10095-6054	15						2	1.00
14410-5055	27	1	1	TV	LUP		3	1.00
15390-5525	01						3	1.00
15539-6836	28						3	1.00
16262-5106	29						3	1.00
16339-2712	15	1	1	XZ	SCO		3	1.00
16469-3211	29						4	1.00
16550-3725	27						3	1.00
17217-4347	29	2	1	SW	SCO		3	1.00
17393-2517	28						3	1.00
17489-3245	29						2	1.00
18323-1428	29	1	23	LDN 0390			3	1.00
18340+0335	68						2	1.00
18346-1223	29						4	1.00
18360+2240	25	4	2	DO	16914		4	1.00
18398+1035	29	1	1	V665	OPH		2	1.00
18418-0532	29						3	1.00
18418+0217	26						3	1.00
18473-6423	25						4	1.00
18502-0042	29						3	1.00
19091+1318	25						3	0.76
							(β13	0.24)
19109-1856	27	3	1	RW	SGR		3	1.00
19426+1514	28						3	1.00
20249+4046	26						4	0.97
20288+2928	29						3	1.00
22160+5901	26						3	1.00
23140+3827	28						3	1.00
23352+5834	27						3	1.00

AUTOCLASS CLASS = β11

Name	Cl	Nid	Cat	Source		Type	In	Prob
00420+7533	29						3	0.60
							(β3	0.40)
00506+5224	29	2	4	TMSS	+50018		6	1.00
01051+6319	25	4	1	HS	CAS		4	1.00
02192+5821	26	4	1	S	PER		29	1.00
02236+6027	04	2	4	TMSS	+60091		10	1.00
02469+5646	28	5	1	W	PER		11	1.00
03572+5509	29	4	1	AG	CAM		6	0.97
04575+1251	27	1	3	RAFGL	5134		12	1.00
06216-0004	27	4	16	02946		M8	7	1.00

AUTOCLASS CLASS = $\beta 11$ (continued)

Name	Cl	Nid	Cat	Source		Type	In	Prob
07446-3210A	27	4	16	03731		M1	12	1.00
07536-2830	28	4	1	HU	PUP		11	1.00
07556-2017	29	3	13	174884		M1	11	1.00
08200-2528	24	3	13	175689		M4	6	1.00
09003-5437	26						4	1.00
10056-5300	29	4	1	CM	VEL	M5 (II)	59	1.00
10150-6318	28						3	0.99
10176-5802	28						7	1.00
10186-6012	29	3	1	EV	CAR	M3 IA/IB	30	1.00
10226-6039	29	1	1	UV	CAR		7	1.00
10226-5956	29	3	1	CK	CAR		17	1.00
10315-6313	29						4	1.00
10315-5757	28	1	23	MRSL	285+00/1		6	1.00
10323-5735	28						13	1.00
10356-5844	27	1	1	BC	CAR		12	1.00
10394-5747	26						12	1.00
10517-5239	29						4	0.97
10530-5847	27	1	1	TW	CAR		4	1.00
11179-6458	29	1	40			M3	17	1.00
12043-6225	28	2	1	SY	CRU		4	1.00
12233-5920	29	1	16	05616			16	1.00
12478-6237	26						5	1.00
13214-6202	28						5	1.00
13216-6225	28						11	1.00
13237-6156	27						9	1.00
14029-6205	26						9	1.00
14068-6158	28						11	1.00
14122-6133	28						5	1.00
14200-6401	29						4	1.00
14216-6152	27						10	1.00
14248-5927	29	1	40			M2/3	13	1.00
14299-6020	28						9	1.00
15027-5959	27						12	1.00
15093-5917	27						3	1.00
15107-5726	27						10	1.00
15287-5811	27						25	1.00
15311-5538	29						6	1.00
15347-5555	26						9	1.00
15483-5514	27						10	1.00
15503-6314	25						6	1.00
15530-5201	26						9	1.00
15548-5452	29						4	1.00
15576-5400	27	2	40			M1/2 + B/F	41	1.00
15589-2850	29	2	13	184042		M2	10	1.00
16074-3639	29	1	16	07495			7	1.00
16205-4830	29						5	1.00
16206-5138	27						7	1.00
16310-5345	29						3	1.00
16310-4534	29						3	1.00

AUTOCLASS CLASS = β11 (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
16351-5448	24					4	1.00
16434-4714	27					3	0.96
16446-5116	29					6	1.00
16450-4251	26					6	1.00
16490-4618	25					12	1.00
17046-3340	29					6	1.00
17050-4123	29					10	1.00
17066-4028	28					19	1.00
17080-3215	28	4	1	AH SCO		68	1.00
17116-4036	28					7	1.00
17141-3944	27	2	39	ADG347.8-01.1		5	1.00
17187-3750	26					28	1.00
17259-4159	27					4	0.94
17315-3414	29	1	3	RAFGL 5355		12	1.00
17341-3453	29	1	3	RAFGL 5360		25	1.00
17348-3207	28	2	4	TMSS -30305		8	1.00
17349-3039	28	2	4	TMSS -30306		6	1.00
17381-3442	29	1	3	RAFGL 5374		8	1.00
17488-2800	29	4	1	KW SGR		29	0.99
17513-2313	29	4	1	V774 SGR		28	1.00
17561-1932	28					4	1.00
18101-0713	29					4	0.98
18185-1927	28	1	3	RAFGL 5477		5	0.99
18197-1211	28					6	1.00
18204-1344	26	3	7	169010		48	1.00
18224-2206	28					4	1.00
18252-1305	29	4	16	10846	M5	10	0.98
18376-0710	28					5	1.00
18387-0423	27	4	16	11202	M:	40	1.00
18395-0248	26	5	16	11221	M6	10	1.00
18400-1213	27					4	1.00
18494+1209	26	2	1	LO HER		5	1.00
18523-0125	29					4	1.00
19032-4602	29	3	1	RX TEL		15	0.97
19211+1606	25					4	1.00
19224+1454	27					4	0.97
19229+1708	25					6	1.00
19274+1835	28					5	1.00
19278+4021	29					3	1.00
19296+4331	25	4	1	UV CYG		12	1.00
19307+1338	29	2	16	12135		10	1.00
19325+2346	29	4	16	12178	M0	7	1.00
19348+2136	27	3	16	12208	M5	6	1.00
19426+7055	29					3	1.00
19450+1556	29	2	1	V446 AQL		4	1.00
19462+2232	27					3	0.98
19466+2751	29					5	1.00
19480+2447	26	3	2	DO 18219		12	0.97
20010+3011	27	1	1	V718 CYG		7	1.00

AUTOCLASS CLASS = β11 (continued)

Name	Cl	Nid	Cat	Source		Type	In	Prob
20015+3019	29	3	1	V719	CYG		20	1.00
20194+3646	29	4	1	BI	CYG		39	1.00
20499+4657	29						5	1.00
21029+4917	28	1	19	674			3	1.00
21245+6221	29	5	1	SW	CEP		12	1.00
21525+5631	29	1	16	13955		M0	3	1.00
22048+5914	29	5	2	DO	40745		6	1.00
22212+5542	26	5	1	RW	CEP		11	1.00
22317+5838	29	4	2	DO	41575		9	1.00
22512+6100	28	6	2	DO	42141		12	1.00
22525+6033	24	5	23	OCL	0250		11	0.99
22546+6115	27	6	16	14370		M3	6	1.00
22556+5833	29	3	3	RAFGL	2999		20	1.00
23000+5932	28	4	1	AS	CEP		7	1.00
23138+6204	27	5	2	DO	42787		11	1.00
23177+6211	29						4	0.99
23252+6010	29	3	2	DO	43103		5	1.00
23281+5742	29	4	1	V358	CAS		12	1.00
23284+5958	29	3	4	TMSS	+60411		15	1.00

AUTOCLASS CLASS = β12

Name	Cl	Nid	Cat	Source		Type	In	Prob
08577-6035	65						2	1.00
09236-2332	16	3	1	AR	HYA		2	1.00
09343-6810	15	1	16	04549			3	1.00
10365-5704	28						3	1.00
17089-2915	50	3	23	LDN	1726		2	1.00
20042+4713	67						2	1.00
21404+5332	28						2	1.00

AUTOCLASS CLASS = β13

Name	Cl	Nid	Cat	Source		Type	In	Prob
06001-0503	13						2	1.00
07458-2722	01	1	16	03743			3	1.00
09205-1408	26						2	1.00
12571-5706	01	1	40			M4/6	3	1.00
14273-5007	01						2	1.00
15592-1809	01	1	1	UU	LIB		3	1.00
16057-6533	25						3	1.00
17013-6759	26						3	1.00
19302+0228	01	1	1	V1252	AQL		2	1.00

AUTOCLASS CLASS = $\beta 13$ (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
20351+2618	46	3	17	2916	NE	2	1.00
21095-5222	15					3	1.00
22209-3508	24					3	1.00

AUTOCLASS CLASS = $\gamma 0$

Name	Cl	Nid	Cat	Source	Type	In	Prob
02044+6031	91	2	11	PK 132- 0.1		3	1.00
02575+6017	80	4	23	OCL 0369		6	1.00
03035+5819	81	4	22	BFS26		8	1.00
04324+5106	80	1	3	RAFGL 5124		4	1.00
04395+3601	62	1	11	PK 166- 6.1		30	1.00
04547+4753	80	4	22	S217		4	1.00
05251-1244	91	2	7	IC 418		6	1.00
05305+3029	80					3	1.00
05573+3156	05	1	3	RAFGL 5174		3	1.00
06053-0622	76	4	39	PKS0605-06		85	1.00
06061+2151	52	2	3	RAFGL 5182		5	1.00
06073+1249	74	3	22	S270		3	1.00
06104+1524A	80					3	1.00
06319+0415	53	1	3	RAFGL 961		8	1.00
06412-0105	91	2	39	DCC213.1-02.2		4	1.00
06572-0742	80	3	22	BFS62		6	1.00
07027-7934	73					5	1.00
07358-3243	75					3	1.00
08189-3602	92	7	11	PK 254+ 0.1		8	1.00
08375-4109	79					3	1.00
09002-4732	81	3	20	G268.454		38	1.00
09032-3953	50					3	1.00
09517+6954	81	15	6	N3034		12	1.00
09563-5743	81	1	20	G281.556		4	1.00
09578-5649	72	3	40		B8 IV/V	6	1.00
10019-5712	77					3	1.00
10031-5632	81	2	20	G281.595		5	1.00
10123-5727	52	4	40		B9.5 V	7	1.00
10197-5750	71	2	7	ROB 22		23	1.00
10286-5838	52					3	1.00
10320-5928	71	3	20	G286.401		5	1.00
10460-5811	80					3	1.00
11143-6113	92	4	20	G291.858		7	1.00
11304-6206	53					3	1.00
11312-6955	82	3	7	100546	B9VNE	7	1.00
12063-6259	85	7	11	PK 298- 0.1		9	1.00
12073-6233	95	5	20	G298.228		90	1.00
12331-6134	92	5	20	G301.108		11	1.00
12437-6218	80					4	1.00

AUTOCLASS CLASS = $\gamma 0$ (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
14039-6113	91	3	20	G311.894		16	1.00
14159-6038	73	2	20	G313.446		4	1.00
14382-6017	81	4	20	G316.155		9	1.00
14562-5406	80	3	7	HEN1044		13	1.00
14567-5846	91	2	20	G318.911		6	1.00
15198-5658	69	2	11	PK 322- 0.1		2	1.00
15254-5621	91	1	20	G323.470		10	1.00
15278-5620	76					11	1.00
15290-5546	91	2	20	G324.192		6	1.00
15502-5302	91	3	20	G328.310		21	1.00
15530-5231	75	2	20	G328.935		5	1.00
15544-5159	91					3	1.00
15567-5236	91	2	20	G329.353		23	1.00
15584-5247	91					5	1.00
15596-5301	52					4	1.00
16128-5109	91	5	11	PK 332- 0.1		47	1.00
16133-5151	92	3	11	PK 331- 1.1		9	1.00
16164-4929	81	1	20	G333.724		8	1.00
16183-4958	91	6	20	G333.610		340	1.00
16251-4929	95	2	20	G334.714		3	1.00
16313-4840	81					6	1.00
16362-4845	81	6	20	G336.514		59	1.00
16396-4429	81					8	1.00
16586-4142	91	2	20	G344.439		13	1.00
16594-4656	74					7	1.00
17078-3927	50					10	1.00
17109-3807	53	3	39	ADG348.7+00.3		3	1.00
17150-3224	74	1	3	RAFGL 6815S		6	1.00
17242-3513	72	3	20	G352.611		11	1.00
17545-2357	80	1	21	5.632		5	1.00
17577-2320	91	5	22	S28		9	1.00
18032-2032	91	4	21	9.615		12	1.00
18074-2043	50	6	20	G 9.970		11	1.00
18092-1742	50	3	22	S40		5	1.00
18096+0650	95	3	7	NGC6572		5	1.00
18129-3053	05	3	7	167362		3	1.00
18162-2048	74	2	3	RAFGL 2121		11	1.00
18276-1431	05	1	3	RAFGL 5497		3	1.00
18317-0757	81	5	21	23.956		15	1.00
18355-0532	50	5	21	26.536		8	1.00
19095+0930	75	1	21	43.784		3	1.00
19111+1048	91	7	21	45.125		34	1.00
19120+0917	91	2	21	43.890		4	1.00
19207+1410	72	4	21	49.204		30	1.00
19213+1723	81					5	1.00
19219+0947	69	1	11	PK 45- 2.1		3	1.00
19500-1709	05	1	13	163075	F8	3	1.00
19592+3302	71	3	3	RAFGL 2492		7	1.00
19598+3324	72	3	11	PK 70+ 1.1		43	1.00

AUTOCLASS CLASS = $\gamma 0$ (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
20028+3910	50					5	1.00
20068+3328	81	1	39	GC2006+33		4	1.00
20220+3728	51					6	1.00
20255+3712	53	3	22	S106		58	1.00
20286+4105	80	2	23	MRSL 079+01/3		5	1.00
20319+3958	81					8	1.00
21078+5211	50					7	1.00
21190+5140	82	1	11	PK 93+ 1.1		7	1.00
22134+5834	75					4	1.00
22176+6303	76	3	22	S140		34	1.00
22308+5812	81	2	22	S138		7	1.00
22539+5758	80					3	1.00
23133+6050	81	4	22	S159		13	1.00
23185+6055	51	7	1	MO CAS		10	1.00

AUTOCLASS CLASS = $\gamma 1$

Name	Cl	Nid	Cat	Source	Type	In	Prob
00102+7214	81	6	7	NGC 40		3	1.00
03235+5808	69	2	3	RAFGL 5095		4	1.00
06084-0611	75	3	16	02860	EA	9	1.00
07399-1435	79	2	23	OCL 0601		6	1.00
08485-4419	80					6	1.00
08513-4201	80					4	1.00
09199-5447	79					2	1.00
09370-4826	01					2	1.00
10194-5625	05					3	1.00
10211-5922	05	5	1	HR CAR	BE	3	1.00
10215-5916	66	2	3	RAFGL 4106		38	1.00
11065-6026	05	2	7	HEN 591		4	1.00
12405-6238	79	1	20	G302.025		4	1.00
13291-6249	81	2	20	G307.569		5	1.00
13308-6209	05	2	40		O8F	3	1.00
13338-6312	80					3	1.00
13501-6616	95	3	40		PLANETARY	3	1.00
14394-6004	79	3	20	G316.393		3	1.00
15022-5547	95	2	11	PK 321+ 2.2		2	1.00
15100-5613	75	3	20	G321.710		4	1.00
15134-4527	95	2	11	PK 327+10.1		3	1.00
15318-7144	91	6	7	138403		3	1.00
16159-4906	91					2	1.00
16268-4556	91	3	11	PK 337+ 1.1		3	1.00
16280-4008	95	2	11	PK 341+ 5.1		5	1.00
16342-3814	05					4	1.00
17069-4149	95	2	11	PK 345- 1.1		2	1.00
17074-4549	79					5	1.00

AUTOCLASS CLASS = $\gamma 1$ (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
17103-3702	96	6	11	PK 349+ 1.1		15	1.00
17180-2708	94	2	11	PK 358+ 5.1		3	1.00
17199-3446	80					5	1.00
17245-3951	94					2	1.00
17262-2343	95	4	11	PK 2+ 5.1		4	1.00
17418-2713	79					3	1.00
17427-3010	91	5	7	316248		5	1.00
17436+5003	05	3	13	30548	F8P	2	1.00
17584+6638A	94	6	7	NGC6543		5	1.00
18021-1950	94	6	11	PK 10+ 0.1		3	1.00
18071-1727	79					4	1.00
18110-1854	91	3	21	11.936		5	1.00
18135-1456	79	1	3	RAFGL 5458		4	1.00
18311-0809	91	4	21	23.706		5	1.00
18314-2759	79					3	1.00
18479-0005	81	5	21	32.797		5	1.00
19342+1935	95	2	11	PK 55- 0.1		2	1.00
19454+2920	05					3	1.00
20001+3355	05					2	1.00
20144+3526	79					3	1.00
21014-1133	95	2	7	NGC7009		4	1.00
21046+4739	95	3	7	NGC7026		3	1.00
21334+5039	79	1	23	LDN 1048		2	1.00
22331+5809	05	2	22	S139		2	1.00
22384+6101	94	2	11	PK 107+ 2.1		4	1.00
23234+4215	94	3	16	14555	PE	2	1.00
23321+6545	05					3	1.00

AUTOCLASS CLASS = $\delta 0$

Name	Cl	Nid	Cat	Source	Type	In	Prob
00081+3157	18	4	16	00067	M7	9	1.00
00121-1912	19	4	15	48	M3III	11	1.00
00238-4234	18	2	13	215093	K0	14	1.00
00254-3317	18	4	15	105	M4III	11	1.00
00254-1156	17	3	13	147289	M3	15	1.00
00366+3035	18	3	13	54058	K2	9	1.00
00410-1815	18	6	15	188	K0III	15	1.00
01069+3521	18	7	16	00414	M0	73	1.00
01133+2530	22	5	17	63	N0,C7	8	1.00
01490+8901	18	12	15	424	F7:Ib-II	8	1.00
01516-4632	18	4	15	555	M4III	23	1.00
01551+3053	18	3	13	55147	MB	11	1.00
01576-2119	17	4	15	585	M0.5III	11	1.00
01579-0845	18	5	15	587	M3III	21	1.00
02008+4205	18	6	15	603	K3-IIb	25	1.00

AUTOCLASS CLASS = $\delta 0$ (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
02043+2313	18	5	16	00725	K2	21	1.00
02270-6944	17	3	16	00840	M6/7	16	1.00
02510+0907	17	4	13	110817	MB	10	1.00
02529+1807	18	7	15	867	M6-III	34	1.00
02596+0353	18	5	15	911	M1.5IIIa	64	1.00
03019+3838	18	6	15	921	M4II	69	1.00
03172-2156	17	4	15	1003	M3.5IIIa	35	1.00
03203+6424	18	5	15	1009	M0II	11	1.00
03207+4941	18	5	15	1017	F5Ib	9	1.00
03377+6303	18	5	19	60	S3.5/2	11	1.00
03437-1215	18	4	15	1162	M2III	9	1.00
03449+6522	18	5	15	1155	M2IIab	12	1.00
03479-7423	18	4	15	1208	M2III	29	1.00
03557-1339	18	4	15	1231	M0.5III	30	1.00
03579-6132	18	3	15	1247	M2IIIab	8	1.00
04001-6217	18	3	15	1264	M4III	19	1.00
04317-0820	18	5	15	1451	M3III	8	1.00
04330+1624	18	6	18	1711A	K5 2	148	1.00
04352+6602	17	5	19	75		11	1.00
04382-1946	18	4	15	1496	M4III	20	1.00
04419+3249	18	3	13	57411	MA	7	1.00
04473+6325	18	4	15	1527	M3IIIab	7	1.00
04497+1410	18	7	19	84	S3.5/1-	19	1.00
04537+3305	18	5	15	1577	K3II	24	1.00
04589+4100	18	5	15	1612	K4II+B8V	11	1.00
05033-2226	18	5	15	1654	K5III	14	1.00
05071-6327	18	3	15	1695	M3III	11	1.00
05121-0815	18	8	15	1713	B8Iae:	11	1.00
05130+4556	18	8	16	01897	*	52	1.00
05146+4244	18	4	15	1722	M4III	13	1.00
05292+1833	17	7	15	1845	M2Iab-Ib	36	1.00
05359-7346	17	3	15	1964	M3III	8	0.73
						($\delta 1$	0.27)
05373-0810	42	4	16	02533	C	7	1.00
05418-4628	41	3	17	398	N	11	1.00
05441-2339	17	3	13	170809	MB	8	1.00
05476+3717	18	6	15	2011	M0III-IIIb	8	0.90
05535+3534	17	4	2	DO 11724		12	1.00
05562+4556	18	5	15	2091	M3II	27	1.00
06048-2148	17	5	15	2166	M4III	9	1.00
06085-4020	18	4	15	2203	M2II-III	7	1.00
06111-6534	18	3	15	2245	M2.5III	9	1.00
06118+2231	18	7	15	2216	M3IIIab	44	1.00
06133+6132	18	5	15	2215	M3III	16	1.00
06199+2232	18	5	15	2286	M3IIIab	75	1.00
06225+1445	16	7	17	508	N0	11	1.00
06228-5240	18	4	15	2326	F0II	41	1.00
06408+2510	19	6	15	2473	G8Ib	13	1.00
06429-1639	18	7	18	2440A	A1 7	48	1.00

AUTOCLASS CLASS = $\delta 0$ (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
06452-0856	17	5	15	2508	M1Ib-IIa	8	1.00
06486-5033	18	4	15	2553	K1III	10	1.00
06509-2653	17	5	15	2567	M4III	10	1.00
06518-1158	18	4	15	2574	K4III	7	0.87
						($\delta 1$	0.13)
07063-2618	18	6	15	2693	F8Ia	9	1.00
07104+1614	17	5	15	2717	M4IIIab	16	1.00
07145-2747	17	4	15	2766	M3III	11	1.00
07153-3700	18	3	15	2773	K3Ib	34	1.00
07207+8230	18	5	15	2742	M4IIIa	14	1.00
07276-4311	18	1	13	218755	K5	17	1.00
07314-1424	18	5	15	2902	M2Iabpe+B2V	13	1.00
07328+2700	18	5	15	2905	M0III-IIIb	10	1.00
07366+0520	18	8	16	03672	F5	21	1.00
07392+1419	18	5	19	254	M3II-III	7	1.00
07422+2808	18	7	16	03712	K0	30	1.00
07494+0324	18	6	15	3061	M4III	7	1.00
07518-2612	18	3	13	174762	M4	12	1.00
07543-3008	17	3	15	3099	M6III	10	1.00
08023-3231	17	4	15	3170	M1Ib	12	1.00
08138+0920	18	6	15	3249	K4III	11	1.00
08214-5920	18	5	15	3307	K3III+B2:V	55	1.00
08525+1725	42	8	17	1338	N3,C5	16	1.00
08580+6749	18	5	15	3576	M3III	12	1.00
09005+3856	17	4	2	DO 13765		9	1.00
09147-5719	18	4	15	3696	M1III	10	1.00
09180+3436	18	6	15	3705	K7IIIab	22	1.00
09180+5654	18	4	15	3698	M4IIIa	10	1.00
09192-2545	17	3	15	3718	M1III	7	1.00
09297-5648	18	4	15	3803	K5III	22	1.00
09429+5721	17	6	15	3870	M3IIIab	9	1.00
09575+0817	18	6	15	3950	M2IIIab	9	1.00
10077-6118	17	4	15	3999	M2-3IIIe	5	1.00
10147-5057	17	3	15	4045	M4-5III	9	1.00
10154-6104	18	3	15	4050	K3IIa	13	1.00
10172+2005	18	7	15	4057	K1-IIIb	23	1.00
10227-5404	17	2	13	238040	M5III	8	1.00
10272-6354	18	3	15	4120	M0III	8	1.00
10329-3918	21	6	17	1706	N	33	1.00
10336-5718	18	5	15	4159	K3-4II	7	1.00
10348-7820	18	4	15	4174	M0III	10	1.00
10416+6740	42	8	17	1736	N0,C6	11	1.00
11006+6201	18	6	16	05070	K0	22	1.00
11098-5809	17	2	13	238855	M4III	7	1.00
11157+3322	18	5	15	4377	K3III	10	1.00
11212-7626	17	4	13	256833	M4/5 (III)	6	1.00
11284+6936	18	6	15	4434	M0III	15	1.00
11352-6037	17	3	13	251497	M5/7	11	1.00
11358+0824	18	6	15	4483	M4III	16	1.00

AUTOCLASS CLASS = 80 (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
11449-7620	18	3	16	05336	M6III	10	1.00
11462-2628	18	5	15	4532	M4III	17	1.00
12075-2220	17	5	15	4630	K2.5IIIa	10	1.00
12106-3350	17	4	15	4647	M4III	15	1.00
12135-5600	18	1	19	442		5	1.00
12148-6741	18	3	13	251830	M4III	50	1.00
12247-5842	18	3	15	4739	M4-5III	16	1.00
12279+6928	18	5	15	4765	M3IIIa	10	1.00
12283-5650	18	5	16	05672	M4III	226	1.00
12319-6728	17	3	1	BO MUS	M6 II/III	32	1.00
12517-0915	18	5	15	4902	M3III	12	1.00
12530+0340	18	7	2	DO 3300		41	1.00
12544+6615	41	6	17	2047	N4,C4	21	1.00
13039+2253	18	7	15	4949	M5III	15	1.00
13293-0559	17	6	15	5095	M2III	10	1.00
13465-3412	18	3	15	5192	M5III	59	1.00
13470+1602	18	6	15	5200	K5IIIv	9	1.00
13495+3441	80	4	15	5219	K5III	12	1.00
13499+6458	18	4	15	5226	M3.5III	15	1.00
14037-3607	19	3	18	5390	K0 IIIB	17	1.00
14059+4405	18	5	15	5299	M4III	22	1.00
14107-5341	18	4	17	2148	NB	12	1.00
14133+1925	18	6	16	06603	K2	179	1.00
14166-3637	18	2	13	205436	MB	19	1.00
14193-5544	18	2	13	241679	M5II	7	1.00
14359-6037	21	5	18	5590A	G2 7	61	1.00
14412+2644	18	6	15	5490	M3III	12	1.00
14437+1520	17	6	15	5512	M5IIIab	25	1.00
14455-3625	18	4	15	5519	M3III	20	1.00
14508+7421	18	5	15	5563	K4III	40	1.00
14567+6607	18	6	15	5589	M5III	32	1.00
15004+3152	18	4	16	06900	M6	7	1.00
15011-2505	18	6	15	5603	M3IIIa	45	1.00
15014-4040	18	2	15	5604	M6III	11	1.00
15186-3604	17	3	15	5705	K5III	12	1.00
15190-3200	18	3	13	206560	MB	6	0.92
15238+5908	18	5	15	5744	K2III	7	1.00
15292-2342	18	3	13	183548	MB	9	1.00
15339-2758	18	4	15	5794	K3III	9	1.00
15361+2441	17	3	13	83921	MB	19	1.00
15396+3842	17	4	1	RR CRB		6	1.00
15418+0634	18	4	18	5962	K2 22	11	1.00
15464+1817	18	6	15	5879	M0.5IIab	10	1.00
15529+4316	17	5	15	5932	M3III	6	1.00
15571-4652	31					7	1.00
16095+2337	17	6	15	6039	M4.5IIIa	11	1.00
16117-0334	18	5	16	07556	M1	40	1.00
16127-7834	18	4	15	6020	M5IIIb	28	1.00
16127-5341	17	3	15	6055	M2III	9	0.98

AUTOCLASS CLASS = 80 (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
16164+5952	18	7	15	6086	M4IIIa	12	1.00
16232+6137	18	8	15	6132	G8IIIab	7	1.00
16250-0729	18	5	15	6128	M2.5III	9	1.00
16330-3509	18	4	15	6166	K6III	9	1.00
16374-3217	42	5	17	2353	N	11	1.00
16425-0259	18	5	2	DO 4132		11	1.00
16433-6856	18	3	15	6217	K2IIb-IIIa	38	1.00
16454-5857	18	3	15	6229	K5III	14	1.00
16457+4219	18	5	15	6242	M4III-IIIa	8	1.00
16469-3412	18	5	16	07983	K2 IIIB	15	1.00
16496+1501	17	5	1	S HER		8	1.00
16544-5554	18	4	15	6285	K3III	20	1.00
17101+1038	19	5	15	6393	M2III	6	1.00
17123+1426	19	8	15	6406	M5Ib-II	642	1.00
17133+3651	18	6	15	6418	K3IIab	13	1.00
17172+0211	18	6	2	DO 4268		16	1.00
17181+1806	18	4	15	6452	M2IIIab	7	1.00
17206-2826	17	4	19	526		9	1.00
17211-5529	18	4	15	6461	K3Ib-IIa	15	1.00
17220-8049	17	4	15	6429	M3III	7	1.00
17236+1657	17	5	15	6495	M4IIIab	7	1.00
17240+7154	17	4	13	8787	MB	7	1.00
17292+5220	18	4	15	6536	G2Ib-IIa	7	1.00
17403-3238	18	3	13	209188	MB	10	1.00
17553+4521	17	7	19	539		14	1.00
17554+5129	18	5	15	6705	K5III	40	1.00
17558-3014	19	6	15	6693	M1Ib	8	1.00
18039+2212	18	5	15	6765	M3III	10	1.00
18052+4326	18	4	2	DO 36062		6	0.90
18142-3646	18	2	13	209957	M3	51	1.00
18157+1757	17	5	1	IQ HER		14	1.00
18177-2951	18	5	15	6859	K3IIIa*	20	1.00
18184-2456	18	4	15	6861	M5III	17	1.00
18202+4905	18	5	15	6891	M2IIIab	7	1.00
18324-1918	18	3	13	161635	MB	9	1.00
18352+3844	18	8	15	7001	A0Va	11	1.00
18364+3937	17	6	15	7009	M4-5III	19	1.00
18399-1920	18	4	15	7023	M4III	18	1.00
18430-1939	18	5	15	7045	M4III	9	1.00
18477+4727	17	4	2	DO 36528		8	1.00
18516+4055	18	6	2	DO 17155		8	1.00
18521+1034	18	5	1	V913 AQL		7	1.00
18527+3650	18	6	15	7139	M4II	34	1.00
19017-0545	42	7	17	2695	N6,C6	28	1.00
19065+3904	17	4	1	V398 LYR		8	1.00
19162-1600	18	6	17	2721	N2,R8	8	1.00
19174+2228	18	5	2	DO 17637		9	1.00
19280-0253	18	7	15	7414	M1IIIv	9	0.99
19312+0521	17	6	1	V450 AQL		17	1.00

AUTOCLASS CLASS = 80 (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
19323+4909	17	4	15	7442	M4.5IIas	7	1.00
19409+5520	18	4	15	7509	M5IIIa	11	1.00
19427+3417	18	6	15	7520	M1III	6	1.00
19438+1029	17	4	15	7525	K3II	18	1.00
19451+1824	18	5	15	7536	M2II+A0V	28	1.00
19489+3741	31	5	15	7568	M4IIb	8	1.00
19555+4407	42	6	17	2833	N6	8	1.00
19565+1921	18	5	15	7635	M0III	17	1.00
19575-5930	18	3	15	7625	M6III	50	1.00
19577+1722	18	5	15	7645	M4IIIa	13	1.00
19595-2751	17	4	15	7650	M4III	26	1.00
20120+4635	18	5	15	7735	K2II+	8	1.00
20131-3636	17	3	15	7728	M4III	8	1.00
20139+4733	18	5	15	7751	K3Ib+B3V	12	1.00
20198+6843	18	5	15	7804	M5II-III	14	1.00
20356+1805	17	7	15	7886	M6III	39	1.00
20372-1818	18	4	15	7900	M2III	7	1.00
20451-0512	18	5	15	7951	M3III	17	1.00
21012+2347	18	4	1	DY. VUL		17	1.00
21168-4514	17	4	17	3013	N,C7,	11	1.00
21178+5824	18	5	15	8164	M1Ibep+B2pe+B3V	8	1.00
21181+5514	18	5	1	FZ CEP		8	1.00
21243-6943	18	4	15	8196	M5III	25	1.00
21267+2157	17	5	15	8223	M4-5III-IIIa	16	1.00
21276+2325	17	5	15	8225	M1III	7	1.00
21321+0136	18	4	13	126901	MB	11	1.00
21399+3516	42	7	17	3060	N1,R,	15	1.00
21417+0938	18	4	15	8308	K2Ib	23	1.00
21552+6323	17	6	15	8383	M2Iaep+B8Ve	18	1.00
22003-3141	17	3	13	213500	MB	8	1.00
22023+6252	17	4	15	8416	M5IIIab	12	1.00
22091+5757	18	5	15	8465	K1.5Ib	12	1.00
22150-6030	18	4	15	8502	K3III	17	1.00
22267-4400	18	2	15	8560	M4.5IIIa	27	1.00
22296-6214	18	3	15	8582	M4III	17	1.00
22366+5632	18	6	15	8621	M4III	17	1.00
22526+8446	17	4	1	AR CEP		7	1.00
23013+2748	18	5	15	8775	M2.5II-III	85	1.00
23070+0824	18	7	19	723		22	1.00
23086+0443	17	6	2	DO 7959		16	1.00
23117-0619	18	4	13	146585	M0	10	1.00
23172+6227	18	6	2	DO 42891		8	1.00
23226+6200	17	7	15	8904	M1III	7	1.00
23309+2213	18	5	15	8940	M5IIIa	15	1.00
23522-0010	18	5	15	9047	M5III	12	1.00
23551+2451	18	6	15	9064	M3III	15	1.00
23594-0617	18	5	15	9089	M3III	19	1.00

AUTOCLASS CLASS = δ1

Name	Cl	Nid	Cat	Source	Type	In	Prob
00119-0803	18	5	15	46	M3III	9	1.00
00120+1955	17	6	15	45	M2+III	7	1.00
00168-0906	19	6	15	74	K1.5III	6	1.00
00339+4840	17	5	16	00224	M5	5	1.00
00504-0124	19	7	15	248	M0III	6	1.00
00525+2417	17	6	15	259	M4IIIab	5	0.99
01125+7128	18	5	15	365	K1V	5	1.00
01163+5604	18	4	1	AA CAS		4	1.00
01312+6532	18	5	2	DO 24475		5	0.91
01349+4822	18	3	13	37375	K0	6	1.00
01358-5729	18	4	15	472	B3Vpe	6	0.99
01441-5103	19	3	15	519	M3III	5	1.00
02193+0010	17	7	15	689	M2III	6	1.00
02221+3338	18	3	2	DO 9244		7	1.00
02222+5003	18	4	15	699	K4+III	5	1.00
02287-5801	18	2	13	232795	M4/5 III	5	1.00
02290+7629	18	3	13	4675	M0	4	1.00
02327+3428	18	5	15	750	M3III	6	1.00
02484+3451	18	5	15	843	K7III	8	1.00
02541+1424	17	3	13	93196	MB	4	0.90
02593+7913	17	5	15	881	M1III+F7IV	4	1.00
03040-0616	22	5	15	935	M3III	8	1.00
03075+5742	31	7	17	131	R5,C4	9	0.94
03173+2852	18	5	15	999	K2II-III	7	1.00
03250+7141	18	7	15	1032	M2III	5	1.00
03270+4749	18	5	15	1052	K3III	5	1.00
03411-3110	19	3	13	194477	MB	4	1.00
03461+6333	18	3	13	12925	MB	5	0.79
						(δ2	0.21)
03470+4226	17	4	2	DO 27623		4	1.00
03489-3907	18	1	13	194573	MB	4	1.00
04160-2050	18	5	15	1345	M4III	8	1.00
04247+4149	17					5	1.00
04297+4836	18	3	13	39601		7	1.00
05120-0037	18	4	13	131905	MB	8	1.00
05121+4929	17	4	1	UX AUR		5	1.00
05174-2510	16	3	13	170313	M2	4	1.00
05261-2047	18	6	15	1829	G5II	6	1.00
05325+0840	18	6	2	DO 1187		8	1.00
05421+2424	42	6	17	390	N2+A	8	1.00
05491-3546	18	2	13	196240	K0	8	1.00
06055-1909	19	4	15	2168	M2III	5	1.00
06121+5645	18	4	2	DO 30164		7	1.00
06174-0255	19	7	15	2275	M1III	7	1.00
06295-3249	17	3	13	196905	M0	4	0.97
06318-3032	18	2	13	196941	MA	4	0.99
06319+4539	17	4	1	TU AUR		7	1.00
06387+5531	17	5	1	SU LYN		5	1.00
06401-7729	18	2	13	256324	M5 II/III	4	1.00

AUTOCLASS CLASS = δ1 (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
06413+7702	17	3	13	5969	MB	5	1.00
06490+6104	17	4	16	03241	M6	7	1.00
06549-4839	18	2	15	2608	M1III	7	1.00
06557-0857	17	4	1	V523 MON		5	1.00
06585-0310	18	6	17	645	R6,C4	5	1.00
06594-0538	17	6	15	2639	M2III	5	1.00
06595+1749	19	5	15	2631	M1	8	1.00
06596-5119	19	2	15	2652	M1III	7	1.00
07094+5130	18	5	15	2703	M3III	8	1.00
07129+0803	19	6	15	2747	M4-IIIab	8	1.00
07145-2313	18	5	15	2764	K3Ib	7	1.00
07177+8707	19	4	15	2609	M2IIIab	7	1.00
07190-2547	18	3	15	2802	M4III	5	1.00
07202-2024	17	3	13	173565	M2	6	1.00
07254+0901	19	5	15	2854	K3III	6	1.00
07382+2032	17	5	1	Y GEM		7	1.00
07415-2817	17	6	15	2993	K3Ib	6	1.00
07433+3738	18	7	15	2999	M2IIIb	6	0.97
07442+3332	19	5	15	3013	M1IIIa	5	0.50
						(δ2	0.37)
						(δ5	0.13)
07471-2443	18	4	15	3045	G3Ib	7	1.00
07587-6026	17	4	15	3153	M1.5IIa	6	1.00
08002-3654	17	3	15	3155	M1III	5	1.00
08095-3928	18	2	15	3225	K3Ib	6	1.00
08194+4320	18	5	15	3275	K4.5III-IIIb	7	1.00
08239+1249	18	5	15	3319	M3IIIab	7	1.00
08252-6558	18	4	15	3347	K1III	5	1.00
08437-1038	18	3	13	154616	MB	5	1.00
08442+7821	17	4	13	6656	MB	5	0.97
08484-2731	18	3	15	3518	K3III	5	1.00
08538+2002	23	6	17	1344	R6,N	13	1.00
08563+1819	18	5	15	3577	M4IIIv	5	1.00
09024-4653	17	3	15	3614	K2III	4	1.00
09058-2539	18	4	15	3628	K4III	6	1.00
09180+0023	17	5	2	DO 2743		5	1.00
09232-4345	19	2	13	221146	M3III	7	1.00
09288+2311	18	5	15	3773	K5III	8	1.00
09289-5808	18	4	15	3793	M2III	6	1.00
09301+8132	18	4	15	3751	K3III	6	1.00
09372-0054	18	6	15	3845	K2.5III-IIIb	6	1.00
09438-6216	18	4	15	3884	G5Iab-Ib	5	1.00
10098-5834	18	3	15	4007	M3III	6	1.00
10158-2844	80	4	15	4049	B9.5Ib-II	11	1.00
10236-1634	18	4	13	155980	K5	10	1.00
10295+1423	18	6	15	4127	M1.5IIIb	6	1.00
10298-7257	17	4	15	4142	K4-5III	5	0.53
						(δ8	0.47)
10310-6555	18	1	40		M6 (III)	4	1.00

AUTOCLASS CLASS = $\delta 1$ (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
10348-2709	17	5	15	4162	M2III	7	1.00
10393+3157	19	5	15	4184	M2III	5	1.00
10471-1555	18	4	13	156256	K0	10	1.00
10599-4050	18	2	13	222508	M4III	8	1.00
11065+3634	17	4	15	4333	M3.5IIIab	10	1.00
11068+4446	18	4	15	4335	K1III	8	1.00
11152-6733	19	4	15	4379	M2III	5	0.94
11153-2152	17	3	13	179746	M3	7	1.00
11168-1430	19	4	15	4382	G8III-IV	7	1.00
11220-1035	18	4	15	4402	K5III	6	1.00
11231-3728	18	3	15	4411	M3III	6	1.00
11434+4803	19	5	15	4518	K2III	6	1.00
12163-5451	18	4	15	4682	M1III	6	1.00
12186-6007	18	4	16	05568	K3/4 III	11	1.00
12203-7513	17	4	17	1990	NB	5	1.00
12272-4127	18	4	15	4755	M2II-III	4	0.94
12317-2307	18	5	15	4786	G5II	8	0.98
12358+0207	17	6	15	4807	M3III	5	1.00
12413-6139	19					6	1.00
12588-7116	18	2	13	257000	K2III	6	0.99
12596+1113	18	5	15	4932	G8IIIab	7	1.00
13019-4055	18	2	15	4938	M3-4III	4	1.00
13079-8931	17	4	19	453	M3III	5	1.00
13175-7754	17	2	16	06192	M5III	5	1.00
13333+0832	16	4	2	DO 3373		6	0.96
13367-3929	18	2	15	5135	M4III	5	1.00
13372-7136	18	4	19	468	M4III	6	1.00
13389-0827	18	5	15	5150	M2III	8	1.00
13440-5306	18	2	19	470		4	0.99
13478-6909	18	3	15	5194	K5-M0III	4	1.00
14035-2626	18	6	15	5287	K2III-IIIb	7	1.00
14064+4941	18	5	15	5300	M1.5III	6	1.00
14186-8326	18	4	15	5339	K2III	5	1.00
14263-4333	18	1	13	224960	MB	6	0.96
14275+7555	19	5	15	5430	K4III	6	1.00
14296+3035	18	5	15	5429	K3III	7	1.00
14415-7850	18	3	15	5470	K2.5III	7	1.00
15123-0213	18	5	2	DO 3670		7	1.00
15234+1536	31	5	15	5739	M1III	5	1.00
15259-4633	17	2	15	5742	K4III	4	1.00
15291+4100	18	4	15	5763	K5III	5	0.96
15307-3953	19	2	15	5767	M2III	6	1.00
15346-4224	18	2	15	5797	K4.5III	6	1.00
15390-1931	19	6	15	5838	M0-IIIb	7	1.00
15490+2107	17	5	15	5899	K4-5III	5	1.00
15542-1553	18	4	16	07351	M1	5	1.00
16016-3904	19	1	13	207304	MB	7	1.00
16050-2611	18	4	15	6001	M2III	7	1.00
16063-4906	17	2	1	V NOR		12	1.00

AUTOCLASS CLASS = δ1 (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
16204+3354	18	5	15	6107	M2IIIab	6	1.00
16245-3500	18	2	13	207685	MA	5	1.00
16280+2135	18	4	15	6148	G7IIIa	7	1.00
16302+1135	18	5	15	6159	K7III	6	1.00
16354+2232	18	4	2	DO 15566		5	1.00
16372-5512	18	3	16	07894	M5/6 III	5	1.00
16373+4901	18	6	15	6200	M2.5IIIab	9	1.00
16502-4950	16					4	1.00
16552+0927	18	5	15	6299	K2III	8	1.00
16555-5305	18	3	15	6295	K4IIIab	7	1.00
16583-0408	18	10	15	6318	K4III	4	1.00
17008+1409	18	5	15	6337	M3III	9	0.98
17100-5649	18	3	15	6384	M1-2II-III+A	8	1.00
17120-3028	17	3	13	208587	MB	6	1.00
17240+0410	17	6	15	6498	K2II	7	1.00
17267-1926	43	5	17	2449	NB,C6	18	0.95
17287+2608	18	5	15	6526	K3.5III	5	1.00
17311-2450	18	3	13	185514	K5	6	1.00
17337-4258	19	3	15	6553	F1II	7	1.00
17343+2735	18	3	2	DO 16104		4	1.00
17399-0449	31	4	13	141821	M0	5	0.79
						(δ2	0.21)
17408-6442	19	3	15	6582	K2II	7	0.92
17409+0435	19	5	15	6603	K2III	11	1.00
17441-3541	16	3	17	2481	N3,C5	6	1.00
17526+5652	19	3	13	30631	K0	5	1.00
17542-4142	18	2	15	6682	M0III	8	1.00
17545+3715	18	5	15	6695	K1IIa	5	1.00
17562-0946	18	5	15	6698	K0IIIa	5	0.94
18025-3025	19	4	16	10173-	K0	8	1.00
18049+0632	16	5	2	DO 4593		5	1.00
18135+0221	17	7	15	6834	M4IIIab	6	1.00
18148-2703	18	4	15	6842	K3II	7	1.00
18181+2156	18	5	15	6868	M1III	6	1.00
18186-6131	19	3	15	6855	K4III	7	1.00
18186-0255	18	7	16	10675	K0	6	0.99
18359-4313	18	2	15	6991	M2III	7	1.00
18383+4017	16	3	13	47682	MB	5	1.00
18436-2941	18	3	13	187263	MB	5	1.00
18547-2110	17	4	15	7150	K1III	6	0.99
18564-1920	18	3	13	162049	M0	6	1.00
18578+2244	19	5	15	7183	M3.5IIIab	7	1.00
18586+4036	17	6	15	7201	M4IIIa	5	0.94
19032-4137	18	1	13	229495	MB	5	1.00
19080-1509	18	3	13	162278	M3	6	0.99
19125+6734	18	3	13	18222	K0	7	1.00
19233+7627	23	7	17	2738	N0,C7	13	1.00
19266+2433	31	5	15	7405	M0III	8	1.00
19292-3058	17	2	13	211345	M0	5	0.94

AUTOCLASS CLASS = δ1 (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
19320-5307	17	3	13	246178	M4/5 III	5	1.00
19330+3341	17	3	13	68529	M0	4	0.98
19356+6941	17	4	2	DO 37579		6	1.00
19390+3229	17	6	17	2773	N,R,C	5	1.00
19391-5622	18	2	13	246228	M5/6 III	5	1.00
19483+0844	18	5	18	7680	A7 6	11	1.00
19487+3835	17	4	15	7566	M2IIIa	6	1.00
19569-4944	18	1	13	229976	MB	6	0.62
						(δ0	0.38)
19588-5836	17	3	16	12690	M5/6 III	4	0.81
						(δ5	0.18)
19593+3347	18	6	1	V485 CYG		5	1.00
20009+6440	19	4	15	7676	M1III-IIIb	5	1.00
20035-5301	18	4	15	7673	M1IIab	7	1.00
20134+0730	17	5	2	DO 6597		6	1.00
20159+3355	18	4	2	DO 18825		5	1.00
20182-1456	18	5	15	7776	F8V+A0	6	1.00
20201+1645	18	4	2	DO 18920		4	1.00
20340-4728	18	3	15	7869	K0III	6	1.00
20380-4218	18	1	13	230323	MB	5	1.00
20430+5618	17	4	15	7944	M3III	6	1.00
20442+3347	18	5	15	7949	K0III	11	1.00
20461+2803	18	3	13	89145	M3	6	1.00
20488-2706	18	5	15	7980	K5IIIa	10	1.00
21041-2512	18	4	15	8080	M0.5III	9	1.00
21049-0021	18	5	2	DO 7188		6	1.00
21087-7019	18	4	15	8092	M1-2III	7	1.00
21129-1522	19	5	15	8128	M3III	9	1.00
21172+6058	17	4	16	13656	M3	6	1.00
21185+4908	17	5	2	DO 39448		6	0.64
						(δ8	0.36)
21260+5931	18	5	15	8224	M3IIIa	7	1.00
21382+4302	18	6	15	8284	M1IIIab	6	1.00
21411+4055	18	7	15	8306	M2IIIab	5	0.98
21533+5015	17	5	17	3080	LN,R3	5	1.00
21552+8004	18	3	13	3658	MB	6	1.00
22032-0033	19	5	15	8414	G2Ib	7	1.00
22032+4629	18	5	15	8421	M4IIIab	6	1.00
22073+7231	18	4	1	DM CEP		6	1.00
22469-1351	18	5	15	8679	M0III	11	1.00
22478+6556	18	4	15	8694	K0III	4	1.00
23044+0908	19	6	15	8795	M1IIIab	8	1.00
23073-4051	17	4	15	8818	M4III	7	1.00
23217+4120	19	3	13	52978	M0	5	1.00
23372+7721	19	7	15	8974	K1III-IV	6	1.00
23408+1003	18	5	15	8991	M2III	6	0.97
23499+1850	18	6	15	9036	M2.5IIIb	8	1.00
23587+6004	23	7	17	3214	N1P,C	9	1.00

AUTOCLASS CLASS = $\delta 2$

Name	Cl	Nid	Cat	Source	Type	In	Prob
00019-1047	01	4	15	9103	K3Ibv	4	1.00
00020+4316	18	5	17	3219	N,R	4	1.00
00141+0957	01	4	2	DO 60		5	1.00
00235-7731	18	4	16	00161	G0	4	1.00
00340+4412	18	4	15	152	K5-M0III	5	0.90
						($\delta 5$	0.10)
00581-0155	18	3	13	129076	MB	3	0.70
						($\delta 5$	0.14)
						($\delta 6$	0.14)
01007-6543	01	3	15	304	M2III	4	1.00
01274-4700	01	3	15	435	M2III	6	1.00
01476+6436	17	4	2	DO 24852		4	0.93
01548+2733	18	5	15	564	M2III	4	0.99
02100+4359	18	5	15	643	K3.5III	4	1.00
02103+1502	18	6	15	648	M0III	3	0.99
02287+4957	18	3	13	38092	M0	3	1.00
02396-2249	01	3	13	167977	M5	4	1.00
02481-5257	01	2	13	232908	M5/6 III	4	1.00
02522+6407	18	6	15	861	K3Ibv	4	1.00
02539-0905	18	5	16	00988	K1	4	1.00
03011+5318	19	4	15	915	G8III+A2V	6	1.00
03088-0359	01	4	15	955	M1III	3	1.00
03221+0851	01	4	15	1030	G6III	4	1.00
03408-0955	18	5	16	01246	K0	4	0.99
03435-6457	01	4	18	1542	K1/2 III	5	1.00
03519+5731	01	5	16	01410	M8	5	1.00
03528+6057	17	4	15	1205	K3I-II	4	0.83
						($\delta 6$	0.13)
03558+1053	17	5	2	DO 670		4	1.00
04074+4204	01	3	1	SW PER		4	1.00
04123-4225	17	2	13	216710	K0	5	1.00
04137-6235	19	6	15	1336	G8II-III	5	1.00
04194+2042	01	5	15	1370	M0IIIab	6	1.00
04200+1725	01	5	15	1373	K0III	5	1.00
04269+0503	17	5	2	DO 787		4	1.00
04332+4109	18	4	15	1454	K4III+A3V	4	1.00
04358-1424	01	4	15	1481	K2IIIb	5	1.00
04458+2837	18	2	4	TMSS +30095		4	0.96
04465+3724	18	4	15	1533	K3.5III	5	1.00
04492+3637	17	6	15	1551	K2.5IIIb	4	1.00
04559+0138	01	6	15	1601	K2II	5	1.00
05157+6236	01	5	15	1720	K4I:	5	1.00
05185+0718	18	7	17	319	N	4	1.00
05239+2952	17	3	13	77179	K5	5	1.00
05294-3530	18	3	15	1862	K1IIIa	4	0.79
						($\delta 1$	0.21)
05324+5423	17	5	15	1866	M0III	4	1.00
05480+3908	19	4	15	2012	K0III*	5	1.00
05481+3206	01	5	15	2018	M3IIIv:	7	1.00

AUTOCLASS CLASS = δ2 (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
05554+5416	19	4	15	2077	K0III	4	1.00
05568+2448	01	1	17	432		3	1.00
05575-0304	01	5	15	2113	K2IIIv	4	1.00
06057+3454	19	5	2	DO 11943		6	1.00
06065+4744	18	6	2	DO 30067		6	1.00
06089+2313	01	3	1	WY GEM		4	1.00
06172+1440	01	5	15	2269	K3Ib	4	0.95
06212-0950	01	4	15	2301	K5	5	1.00
06224+5826	18	4	15	2293	K4III	4	0.96
06345-1912	01	6	15	2429	K1III	4	1.00
06369-1405	18	4	15	2450	K2II	4	1.00
07082+3924	19	4	15	2696	K4III-IIIa	4	1.00
07191-6705	18	2	13	249824	M4III	3	1.00
07214-2744	18	4	15	2822	K2III	4	1.00
07366+1747	19	5	15	2938	K5III	5	1.00
07401+2900	01	4	15	2973	K1III	4	1.00
07410+2554	01	5	15	2983	K4-5III	4	0.99
07414+2431	19	4	15	2985	G8IIIa	4	1.00
07438-6704	19	3	13	249941	M4III	3	1.00
07505-4026	19	2	15	3080	K1-2II+a	5	1.00
07586-0115	01	5	15	3141	K4III	6	1.00
08221-7719	18	4	13	256503	K1III	4	1.00
08287+1815	18	5	15	3357	K5III	4	0.99
08418+1820	19	3	13	98087	K0	5	1.00
08436+2856	18	5	15	3475	G7.5IIIa	3	0.99
08494+2826	18	4	15	3521	M3III	5	1.00
08527+0608	19	5	15	3547	G9II-III	7	1.00
09005-6829	19	3	15	3610	M1III	4	1.00
09040+6704	17	5	15	3609	K5III	4	1.00
09044+0139	18	6	15	3618	M1III	4	1.00
09157-5903	18	4	15	3699	A8Ib	4	1.00
09312-7251	17	3	15	3821	K4III	3	0.96
09358-1629	01	2	13	155359	M1	4	1.00
09358+0452	19	6	15	3834	K3III	4	1.00
09409+1415	19	6	15	3866	M2III	5	0.88
						(δ5	0.12)
09430+2400	18	4	15	3873	G1II	5	1.00
09499+2614	17	4	15	3905	K2IIIb	5	1.00
09513+1029	18	4	2	DO 2849		4	1.00
10140+1358	19	5	15	4035	M1.5IIIb	5	1.00
10214+3425	18	3	2	DO 14173		5	1.00
10226+0902	01	5	15	4088	M3IIIabs	6	1.00
10416-6018	19	4	15	4200	K4III	7	1.00
10505+3428	19	4	16	04999	K1	5	1.00
10567+3621	18	5	15	4278	M2III	4	1.00
11064-5842	18	4	15	4337	G40-Ia	4	1.00
11147+0217	01	4	15	4371	M0III-IIIb	4	1.00
11238-2528	19	2	13	179882	M3	5	0.99
11303-4009	01	3	15	4447	K6III	5	0.98

AUTOCLASS CLASS = δ2 (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
11304-3048	17	6	15	4449	M2IIIb	6	0.99
11305-3134	17	3	13	202558	G8III	4	1.00
11575+1941	18	4	2	DO 14510		5	0.87
12021-7614	18	3	15	4605	K4III	4	0.75
						(δ8	0.25)
12023-6041	01	3	15	4607	M2III	5	1.00
12252+5559	19	5	15	4745	M2IIIb	4	1.00
12422-7126	19	2	13	256979	M5III	4	1.00
13138-6631	19	4	15	5002	K2Ib-II	4	1.00
13264-5457	18	1	17	2093		4	1.00
13281-3909	18	3	15	5089	G9Ib*	5	0.82
						(δ8	0.18)
13346+2452	01	6	15	5123	M2III	4	1.00
14150+1529	01	5	15	5352	M3IIIa	5	1.00
14426-0112	17	4	15	5496	M1III	4	0.94
14473-2745	19	3	13	182911	K2	5	1.00
15000+4035	19	5	15	5602	G8IIIa:	4	1.00
15086-5154	19	1	13	242304	K0	5	1.00
15123+4221	19	3	15	5677	M2IIIa	3	1.00
15166-0857	18	3	13	140456	MB	8	1.00
15286-5042	01	1	13	242663	MB	4	1.00
15327-1437	17	4	15	5787	G8.5III	5	1.00
15334+3910	19	4	15	5800	M2IIIab	6	0.87
						(δ1	0.13)
15509-1634	17	5	15	5908	G8.5IIIb	3	1.00
15555+2701	18	4	15	5947	K2IIIab	4	0.86
						(δ1	0.13)
15566-6642	19	2	13	253376	M5III	5	1.00
16043-0344	01	5	2	DO 3950		4	1.00
16393+3141	01	5	16	07915	*	6	1.00
16411+3900	18	8	15	6220	G8IIIb	5	1.00
16434+0840	18	5	15	6228	K5III	5	1.00
16465-2145	18	3	13	184681	M0	4	1.00
16510-4216	19	3	16	08028	K5	9	1.00
17003-2004	01	2	13	184963	M2	3	0.80
						(δ6	0.17)
17253+0828	01	5	2	DO 4290		8	1.00
17400-3516	19	1	13	209180	K2	4	0.99
17558+2915	19	5	15	6703	G8III	4	1.00
18011+1933	18	4	2	DO 16410		5	1.00
18171+2425	18	3	15	6860	K3III:	4	1.00
18215+2144	01	4	16	10742	K2	6	1.00
18223-2034	19	4	15	6896	K2II	5	1.00
18251-2116	18	3	13	186852	M2	5	1.00
18318+8637	18	2	2	DO 36561		4	0.99
18333+5144	18	4	2	DO 36350		4	0.97
18372-7128	18	3	15	6982	K0III	4	1.00
18433+0841	19	5	1	T AQL		4	1.00
18504+5919	18	5	15	7125	G9IIIb	3	1.00

AUTOCLASS CLASS = δ2 (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
18589-0548	17	6	15	7193	K1III	4	1.00
19016-2149	18	5	15	7217	G8III	4	1.00
19038-2744	19	3	13	187683	K0	15	1.00
19134+3026	01	5	15	7302	M0III	6	1.00
19165+7315	18	5	15	7352	K3III	4	1.00
19173+2256	01	4	2	DO 17636		5	0.99
19390+4257	18	5	15	7492	M2III	4	1.00
19431+4035	18	6	15	7523	M3III	4	1.00
19442-1712	17	3	13	162980	M0	4	1.00
20005+3038	01	4	2	DO 18490		4	1.00
20046+6752	17	5	15	7704	M3IIIa	3	0.95
20136+2739	05	4	15	7744	K3III	5	0.98
20151+4012	01	5	15	7759	K3.5IIab-IIb	5	1.00
20341-0243	18	4	15	7873	K5II	5	1.00
20443+1556	01	3	13	106475	F8	4	1.00
20514+5331	17	1	17	2941		3	1.00
20581+1907	18	5	15	8044	M3IIIab	6	1.00
21107+3001	19	4	15	8115	G8III-IIIa	5	1.00
21158+0732	18	6	1	RU EQU		4	1.00
21289-0547	18	5	15	8232	G0Ib	5	1.00
21360-7736	19	5	18	8351	K0III	4	1.00
22475+2420	18	3	13	90816	K0	5	1.00
22579+5640	19	4	15	8752	G4v0	6	1.00
23200-6019	17	4	15	8889	M3III	4	0.50
						(δ1	0.50)
23350+4610	19	4	1	11 AND		5	1.00
23421+4146	01	4	2	DO 43536		5	1.00
23502-1217	01	3	13	165936	M3	4	1.00
23518+5713	19	7	15	9045	G20e	7	1.00
23587-5036	18	2	15	9082	M2III	4	1.00

AUTOCLASS CLASS = δ3

Name	Cl	Nid	Cat	Source	Type	In	Prob
00493+5927	17	4	1	V451 CAS		4	1.00
00572+0612	01	6	15	284	M2III	5	1.00
01489-1034	01	5	15	539	K0III	5	1.00
02368+3937	17	5	2	DO 9448		3	1.00
02583-0304	01	5	15	904	M1III	4	1.00
02588+4754	01	2	4	TMSS +50082		3	1.00
03194+3203	01	4	2	DO 9900		3	1.00
03451+2450	16	4	16	01316-	K5	3	1.00
04017+2603	01	5	2	DO 10256		3	1.00
04035-1025	01	3	13	149368	MB	3	1.00
04177-0244	17	3	2	DO 754		3	1.00
04321+1705	18	3	13	94019	K5	4	1.00

AUTOCLASS CLASS = δ3 (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
04382-8454	01	1	40		M4/5 III	4	1.00
04472+2801	01	4	2	DO 10784		2	1.00
04566-7500	01	4	15	1629	K4III	3	1.00
05031+3447	18	4	2	DO 11028		5	1.00
05167+3544	01	3	2	DO 11193		3	1.00
05342+1025	01	3	2	DO 1199		4	1.00
06039+0956	01					3	1.00
06202-3324	18	3	15	2296	G7II	4	0.92
06262-4003	01	1	1	W COL		3	1.00
06472+1207	01	4	2	DO 1783		4	1.00
06583-1416	17	4	1	RV CMA		3	1.00
07170+3127	01	3	13	59985	MB	3	1.00
07226+2753	19	4	15	2821	G9IIIb	4	0.96
07306+1107	01	3	2	DO 2247		3	1.00
07388-0926	17	4	15	2970	K0III	3	1.00
07468+3953	16	3	2	DO 13294		3	1.00
07537-6144	16	2	13	250006	M4III	3	0.99
07596+0228	17	5	15	3145	K2III	3	0.99
08204-1545	18	4	17	1147	N	2	1.00
08314-0555	15					3	1.00
08361+0331	01	5	15	3418	K2III	3	1.00
08376-1217	18	5	15	3431	K4III	4	1.00
09013+6029	18	6	1	TT UMA		3	1.00
09126-6930	50	7	18	3392	A1III	4	1.00
09209-2049	01	2	13	177371	M0	3	1.00
09217+2623	01	5	15	3731	K2III	3	1.00
10274-6455	01	3	13	250981	M1III	4	1.00
10395+6920	17	4	15	4181	K3III-IIIb	3	1.00
10420-5249	01					3	1.00
11068+4328	18	5	15	4336	M2III	4	1.00
11284-7419	18	1	40		M5/7	4	0.85
						(δ2	0.12)
11299-2628	01	5	15	4445	M1III	3	0.97
11345-6054	01	1	40		Ma	3	1.00
13489+3454	01	6	15	5215	M2III	4	1.00
14086-1014	17	3	1	DN VIR		4	1.00
14098-5325	17	4	15	5308	K5III+B-A	3	1.00
14201-2731	01	3	16	06648	K5	4	1.00
14314-6945	16	2	13	252806	M2III	3	1.00
15143-7136	01	2	13	257264	M2III	4	1.00
15207+3945	01	3	15	5726	gK4	3	1.00
16497-5749	01	3	15	6251	M1III	3	0.54
						(δ5	0.46)
17175-4149	19	1	13	227851	M0	4	1.00
17202-2805	16	4	15	6459	K5III	3	1.00
17462+3634	18	4	2	DO 16247		3	1.00
17490-4638	01					2	1.00
17595-5616	01	2	13	245206	M4III	3	1.00
18041-1436	01	4	17	2530		3	1.00

AUTOCLASS CLASS = δ3 (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
18323+1511	16	2	13	103866		3	1.00
18581+3204	01	7	15	7192	K2.5III	4	1.00
19030+3140	01	4	15	7237	M0III	3	1.00
19193+5732	01	5	15	7356	M1IIIab	4	1.00
19249+2329	23	4	17	2733	N,C5,	6	0.99
19514-0842	01	5	15	7584	gK5	4	1.00
19528+0616	18	7	16	12557	G8	4	1.00
20026+6743	01	4	15	7685	K3III	4	0.90
20152-1242	01	4	15	7754	G8IIIb	4	1.00
20300-8127	18	3	15	7812	K5III	4	1.00
20324+2806	01	6	1	FG VUL		3	1.00
20518+3314	01	5	15	8005	gK5	3	1.00
21360-0422	01	3	13	145555	MA	3	1.00
22383+4400	01	4	15	8632	K3III	5	1.00
22477+8253	32	2	15	8702	K3III	4	1.00
23105+0841	01	4	2	DO 7962		5	0.99
23203+5951	18	6	15	8894	K3II	4	1.00
23211+5553	01	5	17	3186	R8,N	3	1.00
23214-5209	34	2	15	8898	M0III	3	1.00

AUTOCLASS CLASS = δ4

Name	Cl	Nid	Cat	Source	Type	In	Prob
00152+1956	17	4	2	DO 8306		4	1.00
01031+6531	01	4	2	DO 24036		4	1.00
01416-1611	17	5	18	710	G8 71	4	1.00
03258+5842	01	9	15	1040	A0Iae	3	1.00
04015+6139	32	6	17	177	R8,C5	4	1.00
05084+2950	01	3	13	77025	M0	4	1.00
05149+3319	01	4	16	01909	K3	4	0.94
05158+3544	01	6	17	313	EN	4	0.99
05363-5540	29					5	1.00
05384+1729	01	3	13	94760	MA	4	1.00
05585+2927	01	3	17	436	N,C5,	3	1.00
06175+5232	01	4	2	DO 30267		3	1.00
06392+3011	01					2	1.00
07240-1939	01	1	17	763	N:,C5	3	1.00
07344-5225	01	3	15	2934	K3III	5	1.00
07412-3312	01	1	3	RAFGL 4628S		3	1.00
07531-4246	01	1	16	03813		3	1.00
07532-2931	05	1	17	954	C5-,3	2	1.00
08235-4747	01					3	1.00
08296-6254	01	1	13	250251	MA	4	1.00
08459+1243	01	3	13	98143	M0	6	1.00
09126-2957	01	2	13	177166	MB	3	0.98
09127-3328	01	1	13	200146	MA	4	1.00

AUTOCLASS CLASS = $\delta4$ (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
10368-5855	01	5	15	4177	K4-5III:	6	1.00
10509-6144	15	1	40		M5 II/III	3	1.00
11563+7719	01	2	2	DO 33891		3	1.00
13522+1838	01	4	18	5340	G0 4	7	1.00
15305-3728	01	2	13	206758	MA	3	1.00
15440-6019	01	1	40		M3/4 II	4	1.00
16108-6333	01	3	15	6030	G2Ib-IIa	6	1.00
16210-4957	49					6	1.00
16432-0355	05	2	4	TMSS 00292		3	1.00
17082-5318	01	2	13	244511	M4III	3	1.00
17461-4235	01	1	13	228458	MA	3	1.00
19048-0112	01	3	2	DO 5346		3	1.00
19241+3605	01	4	2	DO 17754		3	0.98
19518-4200	01	2	15	7581	K0II-III	6	1.00
20248+3807	01	2	17	2904	C5,5	3	1.00
20277+0142	01	5	1	KN AQL		3	1.00
21133+0903	01	4	1	T EQU		2	1.00
21500+5451	05	3	17	3076		4	1.00
23132-0921	01	5	18	8932A	K0 2	5	1.00

AUTOCLASS CLASS = $\delta5$

Name	Cl	Nid	Cat	Source	Type	In	Prob
00065+5852	19	5	1	02 CAS		4	1.00
00080+7101	17	4	2	DO 22850		3	1.00
00501+6941	16	4	2	DO 23858		3	1.00
01015+8559	17	2	15	285	K2II-III	4	1.00
01459+3353	18	4	2	DO 8929		5	0.96
01524+6957	18	4	1	V391 CAS		5	0.94
02157-1421	18	3	13	148319	M2	4	0.95
02241+3644	18	4	2	DO 9276		4	0.97
03018+7536	19	3	13	4824	M0	4	1.00
03098+6520	32	3	4	TMSS +70041		3	1.00
03155+3402	17	4	15	991	K2III	3	1.00
03281-0206	16	5	2	DO 587		4	1.00
03303-2549	17	4	1	RZ FOR		3	1.00
03385+5948	16	4	15	1112	K4Ib	3	1.00
03391+3621	17	5	1	AF PER		3	1.00
04047+4217	16	2	4	TMSS +40075		3	1.00
04065-0813	16	4	13	130984	MC	3	1.00
04216-2756	01	3	13	169405	M3	3	1.00
04282+1459	17	4	2	DO 10536		4	1.00
04409+2514	18	6	2	DO 10700		5	0.79
						($\delta2$	0.21)
04528+5902	17	3	13	24927	M0	6	1.00
05036-4938	17	3	15	1663	K5III	5	1.00

AUTOCLASS CLASS = $\delta 5$ (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
05414-3326	15	2	13	196114	M0	3	1.00
05439-6743	16	2	40		M5/6 III	3	0.98
05459-4136	17	1	13	217537	M0	3	1.00
05491-2053	18	3	13	170926	K0	5	1.00
05532-3957	01	2	15	2082	gK6	3	0.99
05576-4249	17	2	15	2120	K0III	4	1.00
06197+0327	18	7	19	146		4	1.00
06227-6339	17	3	15	2337	M1III	4	1.00
06298-3654	19	3	15	2393	M1III	4	1.00
06326-0128	17	5	2	DO 1646		4	1.00
06348-2213	16	3	13	172031	M3	4	1.00
06446+0135	17	6	1	MR MON		3	1.00
06498-4818	15	1	16	03252		3	0.91
06528+7702	16	4	15	2527	K4III	3	1.00
06596+1644	01	5	15	2635	M2III	4	1.00
07077-2748	17	3	13	173107	M2	3	1.00
07091-7025	18	5	15	2736	K0III	4	1.00
07128+2759	17	5	15	2738	M1IIIa	2	0.99
07164+0337	16	5	2	DO 2097		3	1.00
07181+5554	18	6	2	DO 31452		4	1.00
07189+2032	16	5	15	2795	M0IIIab	4	1.00
07207-5609	16	3	16	03565	M5II	3	0.98
07293-5417	01	3	15	2892	M1III	4	0.98
07315-1523	17					3	1.00
07390+1335	17	5	15	2965	M2IIIab	4	1.00
07424-7229	18	3	15	3024	K0III	3	1.00
07476-3309	17	3	15	3052	K5III	5	1.00
08033+2246	16	5	15	3169	M3III	5	1.00
08083+1917	18	4	1	VV CNC		5	1.00
08121-5002	17	3	15	3247	M1III	4	1.00
08214-3807	16	3	15	3296	M1III	3	1.00
08218+5226	18	4	2	DO 32264		4	1.00
08261+6053	18	4	16	04093	G5	5	0.95
08342-5208	19	2	16	04151	M3	4	1.00
08433-5431	01	6	15	3485	A1V	4	1.00
09284+3519	16	5	15	3769	M1IIIab	4	1.00
09292-6351	18	2	13	250605	M6III	4	1.00
10177-5446	18	3	15	4063	K3II	5	0.98
10193-7152	18	2	13	256701	M4III	4	0.99
10257-7254	18	2	13	256714	M3III	4	1.00
10389-5149	18	2	19	409	M4/5 (IP)	4	1.00
10427-7148	17	1	40		M5 III	3	1.00
10567-6222	18	1	17	1791	N:	3	0.99
10592-0212	18	7	15	4299	M0III	5	1.00
11065-8131	16	1	17	1824	N	3	1.00
11128-1118	16	3	13	156565	M2	5	1.00
11207-3553	01	3	15	4396	K6III	3	1.00
11290-6409	18					3	1.00
11486-4453	16	3	15	4546	K3III	3	1.00

AUTOCLASS CLASS = $\delta5$ (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
12196+0507	01	5	2	DO 3219		4	0.99
12326+7017	17	4	15	4795	K2III	3	1.00
12502-4840	18	2	15	4888	K3-4III	5	1.00
13012-5237	17	1	13	240515	MB	3	0.80
						($\delta3$	0.20)
13116-5300	16					3	0.99
13161-2254	17	5	15	5020	G8IIIa	5	1.00
13354+1342	17	2	13	100641	MB	4	1.00
13377+7433	31	3	1	V UMI		3	1.00
14102-1002	18	4	15	5315	K3III	5	1.00
14265+2604	15	4	2	DO 14972		3	1.00
14587-0233	19	7	15	5590	M0III	4	0.51
						($\delta2$	0.49)
14592+0003	17	7	15	5594	M0.5IIIb	3	1.00
15089-6133	01	3	15	5645	K4Ib	4	1.00
15134+3329	31	4	15	5681	G8III	4	1.00
15321-6609	31	3	15	5771	K1-2III	4	1.00
15483-3800	17	2	13	207051	MB	5	0.90
						($\delta8$	0.10)
16379-4157	16	1	13	227059	K5	3	0.99
16418-1359	19	3	13	160076	M1	3	0.70
						($\delta6$	0.30)
16425-1902	31	2	13	160080	K5	4	1.00
16436-1630	16	1	4	TMSS -20330		3	1.00
16568-2501	18	4	15	6308	M3III	4	1.00
17234-4640	16	2	13	227978	MA	4	1.00
17380+3113	17	4	15	6584	M2III	3	0.85
						($\delta3$	0.15)
17480-4045	18	2	15	6643	M2III	4	0.96
17528-2801	01	5	17	2499	N0	6	1.00
17535-0124	17	6	2	DO 4481		3	1.00
17585+4530	17	6	15	6728	M0III	3	0.96
18162+2419	17	2	4	TMSS +20359		3	1.00
18188-3840	01	2	15	6862	K4-5III	4	0.99
18213+8903	18	3	15	7394	M1III	4	1.00
18337-1956	01	3	4	TMSS -20500		4	0.98
18361-1505	17	4	16	11145	K5	3	1.00
18448+0523	42	7	17	2661	N	4	0.99
19133+1825	17	3	13	104662	K5	3	1.00
19148+3102	17	3	2	DO 17603		3	1.00
19176-1039	17	4	16	11915	M5	7	1.00
19523+4927	16	5	2	DO 37860		4	1.00
20002-3804	19	2	15	7652	K5III	4	1.00
20115+3834	16	6	17	2880	N0P,C	6	0.76
						($\delta1$	0.23)
20175-3700	18	2	16	13010	MB	4	0.99
20251-0549	17	3	13	144454	MB	4	0.99
20317+5417	16	4	2	DO 38576		4	1.00
20442+6139	17	6	18	8070	K0 42	4	0.99

AUTOCLASS CLASS = δ5 (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
20460-4624	01	2	15	7952	K5III	4	0.87
20524+2751	18	5	15	8008	K4III	4	1.00
20557+5416	17	1	17	2947		3	1.00
21170+2315	18	5	2	DO 20263		3	1.00
21260+2424	17	3	13	89729	M0	3	1.00
21278-1423	01	3	13	164443	M3	4	0.93
21447+5749	32	4	2	DO 40105		3	1.00
21528-2122	17	2	13	190741	M3	3	1.00
21565+5419	16	4	2	DO 40493		4	1.00
22031-3947	17	2	15	8411	K3III	4	1.00
22067+7429	18	3	13	10256	MA	3	1.00
22138+3730	19	4	15	8498	K3II-III	5	0.96
22525+1917	17	3	1	GO PEG		3	0.98
23271+5124	18	4	2	DO 43142		4	0.93
23389-1818	01	4	15	8980	K5III	4	1.00
23399+6414	17	4	15	8989	M2III:	4	1.00

AUTOCLASS CLASS = δ6

Name	Cl	Nid	Cat	Source	Type	In	Prob
00142+4911	16	3	13	36234	M0	3	0.99
00179+6136	01	3	13	11123	K5	3	0.98
00435+4758	01	4	19	11		3	1.00
00522+4824	01	4	15	256	M2.5IIIa	3	1.00
00535-2802	01	5	15	268	M0III	4	1.00
01045+4520	15	4	1	EI AND		3	1.00
02013-7441	18	2	13	255841	M5III	3	0.98
02228+3753	01	7	19	43		3	0.90
02531+5721	01	3	2	DO 26429		4	1.00
03081+3752	18	4	2	DO 9774		4	0.97
03305-0937	16	5	18	1440	K2 72	4	1.00
04169+1530	17	5	15	1346	K0-IIIab	3	1.00
04599+1514	17	4	19	87		3	0.98
05019+5634	17	4	1	VY CAM		3	1.00
05199-0842	16	4	19	98		3	1.00
05493+3354	17	5	15	2028	M1.5II-III	4	1.00
05550+0242	16	4	2	DO 1342		3	1.00
06079-5011	17	1	1	RW PUP		3	0.99
06241-5148	18	2	13	234491	M2/3 III	3	0.98
06311+4232	01	5	17	529	N,R,C	3	1.00
06341+5114	01	3	2	DO 30648		4	1.00
06408-2006	17	3	13	172210	M1	4	1.00
06420+0322	17	5	17	573	N5	4	1.00
06466-2022	16	3	19	184		2	1.00
06539+3727	18	3	13	59634	MB	4	1.00
07043-2300	17	2	13	172965	M3	3	1.00

AUTOCLASS CLASS = $\delta 6$ (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
07328+4617	01	5	15	2903	M0III	3	1.00
07482-2750	16	4	16	03760	B1	4	1.00
08168-1121	15	2	13	154104	M1	3	1.00
08348-3617	18	2	19	320		3	1.00
08595-5743	50	2	13	236507	M5III	4	1.00
09337+3123	17	5	15	3820	M2IIIa	5	1.00
10442+6552	17	4	2	DO 33430		3	1.00
11325-6030	50	3	16	05252	M4III	2	1.00
11350-3904	17	3	13	202642	M3/4 III	3	1.00
12000-7034	01	1	40		M5 IB/II	4	1.00
12405-2442	16	3	13	181047	M0	3	1.00
13028-2545	17	2	13	181378	M5E	4	1.00
13203-3255	17	3	15	5043	M1III	4	0.99
13205-2423	17	3	13	181611	M5	4	1.00
13388-3320	01	4	15	5147	K0e-M4IIe	3	1.00
13496+3955	17	5	2	DO 14822		4	1.00
14126-7551	16	2	13	257133	M3III	3	1.00
14164-1312	17	3	13	158492	M5	4	1.00
14189-0209	01	5	2	DO 3479		4	0.95
14568+0445	19	5	15	5584	M2III	4	0.99
15231-6421	01	3	15	5725	K5-M0III	4	1.00
15318-6318	16					3	0.66
						($\delta 7$	0.17)
						($\delta 5$	0.17)
15392-5434	50					3	1.00
15541-3414	17	1	3	RAFGL 5023S		3	1.00
16043-5256	17	1	13	243355	K5	4	1.00
16093-5332	16	4	15	6022	M0Ib-II+F-G	5	1.00
16486+2953	01	4	15	6258	M1IIIa	3	1.00
17162+1054	18	4	15	6433	K4II-III	5	1.00
17369+0137	01	5	1	SU OPH		3	0.99
17418-0750	15	3	16	09615	MB	3	0.97
18330-3529	17	1	13	210361	MB	4	1.00
18365+0138	01	4	16	11159	M8	4	1.00
19181-0435	16	4	13	143296	K5	4	0.83
						($\delta 5$	0.17)
19238+6533	01	4	2	DO 37260		4	0.99
19316+0716	17	5	16	12155	K3	3	1.00
19437+3008	15	5	2	DO 18133		3	1.00
19483+7008	19	6	16	12465	G7	3	1.00
19500-3213	18	2	13	211630	MB	4	1.00
20006-8135	50	1	40		M4 III	3	1.00
20010+7620	50	5	15	7686	M3III	3	1.00
20031+1521	01	4	15	7680	M2.5III	3	1.00
20100-6225	18	4	19	636	M2II (S)	4	0.99
20458+5813	17	5	2	DO 38857		5	1.00
21164+1059	15	5	15	8149	K5III	3	1.00
21459+6027	18	4	15	8339	M1IIIb	4	1.00
21509+5544	73	4	2	DO 40289		4	1.00

AUTOCLASS CLASS = δ6 (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
21585+0552	01	4	1	V PEG		3	0.89
						(δ7	0.11)
22053-3448	17	2	13	213575	MB	3	1.00
22409-1905	01	5	15	8649	K4III	4	1.00
22457+6100	17	5	1	GR CEP		3	1.00
22579-5301	73	3	15	8747	G8-K0III	3	1.00
23232+5242	01	4	2	DO 43042		3	0.95
23445+5710	50	5	15	9010	K3IIb	4	1.00
23597+6025	18					4	1.00

AUTOCLASS CLASS = δ7

Name	Cl	Nid	Cat	Source	Type	In	Prob
00078+2822	16	5	2	DO 8213		3	0.96
00523+6812	16	4	17	40	C6-,4	3	1.00
01215+6430	01					3	1.00
02180+6127A	01	1	23	LDN 1356		3	1.00
02234+5153	44	4	17	99	N	3	1.00
03073+1315	15	3	2	DO 515		3	0.99
03548+4936	01					3	0.99
06015-4301	15	2	16	02813	M4	3	0.66
						(δ5	0.29)
06105-2709	45					3	1.00
06149+0832	45	6	17	480	N	4	1.00
06210+0831	01	5	17	503		4	1.00
06232+1906	45	6	17	510	N	4	1.00
06507-0430	01	5	17	609	N,R8	3	1.00
07208+4716	01	4	16	03566	M8	3	1.00
07246-0903	17	1	17	768		3	1.00
07400+2334	17	2	1	S GEM		4	1.00
07419-1930	16	1	17	875		4	0.97
08071-3257	15					3	1.00
08546-4350	18					4	0.99
09470-7150	16	1	39	MC4 0947-718		3	1.00
10442-6521	01	3	17	1750	N,R5	3	1.00
11298-5245	15	1	17	1873		3	1.00
12291-6026	46	1	17	2010		3	1.00
12341+5945	00	5	15	4800	M4IIIe	4	0.92
13205-1803	47	2	4	TMSS -20251		3	1.00
14045-5320	17					3	0.97
14156-5645	16	2	17	2153		3	0.98
14326-4309	18	2	17	2173	N	4	0.80
						(δ6	0.19)
14482-2441	16	3	16	06828	M6	4	1.00
15025-5703	17	1	17	2210		4	0.85
						(δ8	0.15)

AUTOCLASS CLASS = $\delta 7$ (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
15191-5838	16					3	1.00
15502-3609	14	1	1	R LUP		3	1.00
15586-4338	01					4	0.99
16350-2828	01	1	1	YY SCO		3	1.00
16579-4338	49					5	1.00
17222-5038	25					4	1.00
17540-2139	15					3	1.00
18291+3836	17	5	1	KP LYR		3	1.00
18306+3657	04	6	17	2608	R6,NP	18	1.00
18444-2400	05	5	17	2657		3	1.00
18598+1009	17	3	17	2692	N	3	1.00
19153+1203	01	4	2	DO 5563		5	1.00
19276+0247	17	7	15	7412	K5Ib	3	1.00
19371+2004	25	4	2	DO 17969		3	1.00
20116-5445	16	1	16	12923	M5	3	1.00
20136+3651	01	4	17	2883	R,C5,	3	1.00
20166+3717	16	6	17	2892	NE,C8	3	1.00
21181+6211	16	6	1	CS CEP		3	1.00

AUTOCLASS CLASS = $\delta 8$

Name	Cl	Nid	Cat	Source	Type	In	Prob
00012+6626	18	6	15	9099	M4III	5	1.00
00039+2648	16	5	1	TT PEG		5	0.92
00040-3252	18	4	40		M5/6 III	5	1.00
00114-8516	18	3	15	47	M0-1III	4	0.99
00140+0134	05	5	2	DO 59		4	1.00
00172+4425	24	6	17	11	N7	11	0.99
00262+4808	17	3	13	36408	M0	5	0.66
						($\delta 1$	0.34)
00482+6132	18	5	15	237	K2Ib-II	3	1.00
00536+6026	18	8	1	03 CAS		5	1.00
01038-4659	18	4	15	322	G8III	5	1.00
01118+6623	16	3	4	TMSS +70020		5	1.00
01215-0826	16	4	13	129274	K0	5	1.00
02063-1801	18	5	15	625	M2III	4	1.00
02131-6804	16	4	15	667	M1III	3	1.00
02184+2311	17	4	2	DO 9202		3	1.00
02488+5348	18	4	16	00967	M5	4	0.99
02503+7406	31	3	13	4762		4	1.00
02526+3050	19	3	2	DO 9617		5	1.00
02544+0418	17	7	15	877	M4III	6	1.00
03022-5907	17	3	1	V HOR	M5III	4	1.00
03088+7403	18	3	13	4855	M0	3	0.72
						($\delta 5$	0.25)
03281+2832	17	4	1	BG TAU		4	1.00

AUTOCLASS CLASS = δ8 (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
03490-7001	16	2	1	UX HYI	M4III	3	1.00
03496-4014	17	2	13	216523	MB	4	1.00
04113+5248	19	2	2	DO 28090		4	0.98
04256+1904	18	5	15	1409	G9.5III	4	1.00
04445+6125	17	4	16	01720-	M5	5	1.00
04481-5645	01	2	13	233694	M2III	3	1.00
05040+0028	17	6	1	V430 ORI		4	1.00
05088+1559	18	4	15	1684	K5III	4	1.00
05254+6301	17	8	15	1802	M1IIIa	4	0.99
05300+1301	17	4	16	02106	M3	4	1.00
05327+3800	17	6	1	IX AUR		4	1.00
05443-7516	16	2	1	R MEN	M5/6	4	1.00
05449-1249	17	3	13	150808	M2	6	1.00
06015-6005	17	3	15	2151	M4III	6	0.91
06031+2931	16	5	15	2146	M3II+F7V	4	1.00
06184+0235	17	5	2	DO 1522		4	1.00
06475+1335	01					3	0.98
06548-0859	16	3	1	X MON		4	0.98
07250+4801	16	5	2	DO 31576		4	1.00
07277-3634	16	1	13	198053	MA	4	0.92
07314+3159	18	9	15	2890	A2Vm	4	1.00
07381-1508	18	4	15	2959	K3II	4	0.99
07407+3857	18	4	2	DO 13256		5	1.00
07432+1837	17	4	15	3003	K5III	5	0.89
						(δ2	0.11)
07464-4031	18	3	15	3041	M2III	4	1.00
07549-4950	17	2	17	967	NB,R	4	0.85
08053-2246	17	5	17	1046	N	6	1.00
08079-4711	17	5	15	3207	WC8+O7.5e	6	1.00
08285-3633	17	4	15	3364	M2Iab	5	1.00
08297+6721	17	4	2	DO 32354		3	1.00
08358-4015	18	1	13	220203	MA	4	1.00
08532-0857	16	3	1	T HYA		4	1.00
09121+5657	17	6	15	3660	K5III	4	1.00
09126-0345	17	4	2	DO 2727		5	0.99
09145-4403	16	3	15	3692	K3Ib	4	1.00
09510+0611	01	6	15	3915	M2III	5	1.00
10052+1014	18	4	15	3980	K3.5IIIb	5	1.00
10112+5635	17	4	16	04787		5	0.98
10248-3048	18	5	15	4104	K4III	7	1.00
10435-4711	17	2	13	222303	M3/4 III	5	1.00
10537+7436	17	4	2	DO 33498		9	0.77
						(λ25	0.23)
11371-7216	17	3	17	1901	NA	4	0.99
11448-5724	17	4	15	4526	K5III	5	1.00
11458-6632	18	3	15	4530	K4III	6	1.00
11577+8107	17	4	15	4586	M2III	4	1.00
12035-7316	18	2	13	256902	M2III	5	0.90
12057-5026	16	5	15	4621	B2IVne	4	0.99

AUTOCLASS CLASS = $\delta 8$ (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
12123-5432	18	3	1	V369 CEN	M5II	5	1.00
12173+4915	17	4	15	4690	M0III	5	1.00
12206-6221	01	1	7	HEN 782		5	1.00
12226+5703	18	5	15	4726	M3IIIb	5	1.00
12359+0715	17	6	15	4808	M4.5IIIe	5	1.00
12525-4238	18	2	15	4906	M0III	4	1.00
13028-6415	16	1	40		M4 IB/II	4	0.97
13047+2753	17	5	15	4954	K5III	4	1.00
13150-6103	17	2	13	252253	M4III	6	0.68
						($\delta 1$	0.32)
13188-6357	17	3	17	2082	NB	4	1.00
13336-5444	17	1	40		M6 III	4	0.93
13524-2611	17	3	13	182081	M4	6	0.96
13540-5728	17	4	1	V412 CEN	M3 IAB/B	4	0.99
14089+7746	18	4	15	5321	K3III	3	1.00
14104-1337	18	3	13	158431	MB	5	1.00
14111+6939	16	6	15	5334	M2IIIab	4	1.00
14405-3457	18	1	13	205871	K0	6	1.00
15038-1603	19	4	15	5622	K5III	4	0.75
						($\delta 2$	0.25)
15163-5713	17	2	13	242421	M3III	4	1.00
15278-6223	17	2	17	2254	NP	4	1.00
15328+7731	17	4	15	5826	K5III	4	1.00
15518-2040	17	2	4	TMSS -20298		4	1.00
16012-5612	18	2	13	243305	M2 IAB/B	4	0.99
16245-4333	16	1	17	2333	N3,C5	4	1.00
16341-4251	18					5	1.00
16578-2935	17	2	13	184912	M3	3	1.00
16592-6812	17	2	13	253783	M3/4 III	5	1.00
17017+3528	18	5	15	6346	M4IIIab	7	1.00
17078-4848	18	2	15	6374	M1-2III	8	0.96
17130+4514	15	3	13	46581	MB	3	1.00
17188-4141	17	2	19	522		4	0.99
17228-3959	17	2	17	2440	N	5	1.00
17375-0207	17	7	15	6578	K2.5Ib	5	1.00
17381-5029	17	2	15	6576	M3III	6	1.00
17410+2940	17	3	2	DO 16196		4	1.00
18200+2315	18	5	15	6882	M0IIIab	4	1.00
18210-4526	17	1	1	V581 CRA		4	1.00
18360-1349	16	3	13	161693	K5	4	1.00
18430+0506	17					5	1.00
18433-2226	05	4	15	7046	K4III	6	0.93
18448-0545	19	6	15	7066	K0Ibpv	5	1.00
18498-0524	32	3	13	142733	MA	4	0.61
						($\lambda 7$	0.39)
18562+1417	22	7	17	2684	N4	7	1.00
18599+2246	17					4	1.00
19113+0232	17	6	1	V842 AQL		5	0.96
19279-5416	17	2	13	246143	M4III	5	1.00

AUTOCLASS CLASS = $\delta 8$ (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
19384-0402	18	5	2	DO 6039		6	1.00
19538-2718	18	3	15	7604	K3II	5	1.00
19549+5842	16	5	15	7633	K5II-III	4	0.99
19552-4159	23	3	1	RU SGR		6	1.00
20208+0747	17	4	4	TMSS +10465		5	1.00
20210+1812	17	3	13	106053	MC	4	1.00
20213+0047	17	7	19	646		6	0.91
20504+5106	18	3	2	DO 38943		4	0.58
						($\delta 2$	0.40)
20509-5838	18	3	15	7986	K1II	5	1.00
20548+1603	17	5	2	DO 19712		6	0.96
21376+4457	17	5	1	V539 CYG		3	0.92
21500-7710	18	2	16	13906	M5III	4	1.00
21595-7259	17	2	13	257996	M5III	3	1.00
22017-3556	17	2	13	213522	MA	4	1.00
22108+6302	17	4	15	8483	M3IIIab	5	0.89
						($\delta 1$	0.11)
22190-1248	17	2	13	165021	M4	4	1.00
22303+5257	18	5	2	DO 41530		5	1.00
22378+4024	17	5	2	DO 21656		4	0.93
22497+4302	17	5	15	8699	M0III	5	1.00
22549+8404	17	4	15	8748	K4III	3	1.00
23123+4031	16	6	1	TY AND		4	0.98
23533+1457	18	5	2	DO 22554		5	1.00

AUTOCLASS CLASS = $\varepsilon 0$

Name	Cl	Nid	Cat	Source	Type	In	Prob
04155+2812	50	1	3	RAFGL 5117		4	1.00
09425-6040	50					4	1.00
11169-6111	29					5	1.00
11499-6229	66	1	40		B2/3 III	2	1.00
11505-6222	01					3	1.00
12188-6246	05					3	1.00
14135-6257	63					3	1.00
15163-5525	49					3	1.00
16235-4832	50	1	7	HEN1191		2	1.00
16296-5022	67					3	1.00
16455-5235	50					3	1.00
18095+2704	69					5	1.00
18363-0523	64	1	3	RAFGL 2216		3	1.00
18457-0116	69					3	1.00
19089+1542	62	2	7	179218		3	1.00
23239+5754	67	2	2	DO 43073		4	1.00

AUTOCLASS CLASS = ε1

Name	Cl	Nid	Cat	Source	Type	In	Prob
03074-8732	27					11	1.00
03113+5441	14	3	4	TMSS +50089		6	1.00
03513+1801	24					4	1.00
04440+2605	23	2	1	RV TAU		4	1.00
05073+5248	24	3	4	TMSS +50137		34	1.00
06250+6134	23	4	1	V LYN		6	1.00
06259-1301	24	3	7	45677		16	1.00
06297+4045	27	3	4	TMSS +40156		12	1.00
06491-0654	24	3	7	50138		9	1.00
07180-1314	25	1	3	RAFGL 5229		5	1.00
07209-2540	24	3	1	VY CMA		1211	1.00
08002-3803	27	1	17	1003		5	1.00
08357-1013	25					7	1.00
08510-5743	22					4	1.00
09256-6324	22	3	1	IW CAR	F7/8+A3/5 (IB/II)	14	1.00
09418-5842	25					3	1.00
10077-5304	26					5	1.00
10171-6205	24					5	1.00
10277-5742	23	2	40		M2 IAB/B	4	1.00
10287-5733	04					10	1.00
10323-4611	24					46	1.00
10379-5817	25					13	1.00
10595-6046	26	2	13	251221	M2 IB	9	0.63
						(β2	0.22)
						(β0	0.15)
11192-5638	25					3	1.00
11214-6448	26					4	1.00
11296-4431	24					5	1.00
11482-4718	27					4	1.00
11528-5902	24					4	1.00
11575-7754	25	3	7	104237	B/APE	4	1.00
12222-4652	22	2	16	05601	F3	5	1.00
12384-4536	24					19	1.00
13203-5536	23					15	1.00
13341-6246	26	1	39	AG G308.1-0.6		10	1.00
13517-6515	24					12	1.00
14297-6010	23					5	1.00
14442-5848	26					5	1.00
14465-6000	27					5	1.00
14572-6038	24					4	1.00
15030-5319	23					4	0.75
						(λ21	0.25)
15044-6022	25					4	1.00
15099-5509	26					34	1.00
15152-6241	25					8	1.00
15174-4821	25					3	1.00
15236-5556	23					5	1.00
15254-7718	27					5	1.00
15260-5747	26	1	7	WRA1316		5	1.00

AUTOCLASS CLASS = ε1 (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
15356-6722	27					7	1.00
15432-5200	25					6	1.00
15449-5623	26					6	1.00
15500-5135	26	1	7	-519596		4	1.00
16031-4856	25					10	1.00
16038-5008	22					5	1.00
16061-5037	14					3	1.00
16061-4555	13					6	1.00
16064-4200	27					8	1.00
16077-5830	26					5	1.00
16109-4651	26					6	1.00
16119-3811	25					4	1.00
16146-5257	25					6	1.00
16222-4738	27					13	1.00
16240-4947	26					5	1.00
16280-4154	26					6	1.00
16335-4707	24					22	1.00
16337-4525	23					9	1.00
16405-4100	25					3	0.87
						(ε2	0.13)
16414-4941	24					4	1.00
16446-4243	23					6	1.00
16451-4312	24					6	0.99
16538-4135	25					7	1.00
16567-4659	22					6	1.00
16580-4424	24					4	1.00
16589-3315	23					7	1.00
17109-3243	25					5	1.00
17122-2707	24					10	1.00
17209-3126	24					4	1.00
17239-2812	23					12	1.00
17362-3322	25					3	1.00
17368-3000	25					8	1.00
17382-1704	27					4	1.00
17436-1545	23					6	1.00
17484-2950	25					4	1.00
17507-1122	25					5	1.00
17559-2848	25					5	1.00
17571-1915	24					3	1.00
18004-2259	23	1	1	V1951 SGR		5	1.00
18022-1432	14					4	1.00
18027-2314	23					4	1.00
18038-1614	14					4	1.00
18069+0911	28					8	0.83
						(β0	0.17)
18083-2630	23	1	3	RAFGL 2086		21	1.00
18107-1428	14					3	1.00
18115-2139	26					8	1.00
18120-1417	23					4	0.96

AUTOCLASS CLASS = ε1 (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
18139-1811	25					5	1.00
18142-0217	24					4	0.99
18171-1455	15					6	1.00
18222-1544A	24					6	1.00
18232-1003	25					3	1.00
18245-0552	24					3	1.00
18248-0102	25					4	1.00
18306-2106	25					3	1.00
18322-1345	24					4	1.00
18341+0005	25					4	0.99
18373-0922	24					5	1.00
18373-0021	23	1	3	RAFGL 2222		12	1.00
18409+0431	25					3	1.00
18414-0527	25	1	3	RAFGL 5527		5	1.00
18417-0103	25					5	1.00
18425-0736	27					4	1.00
18430-0634	25					5	1.00
18450-0922	25					9	1.00
18471-0259	22					4	1.00
18476+0555	26					5	1.00
18478-1643	27					3	0.96
18481-0346	26	1	23	LDN 0547		4	1.00
18493-0413	26					4	0.96
18501+1019	63					3	1.00
18530+0817	04	1	8	EIC 719		5	1.00
18567+0003	25					4	1.00
18588-1915	25					3	1.00
19007-3826	24	1	3	RAFGL 5553		19	1.00
19029+0933	24					4	1.00
19043+1009	25					7	1.00
19135+0931	24	1	3	RAFGL 2350		24	1.00
19178-2620	26	1	3	RAFGL 2370		13	1.00
19282+2253	26					4	1.00
19333+1918	26					4	1.00
19509+2930	14	6	1	EV CYG		4	1.00
20077-0625	23	4	4	TMSS -10529		143	1.00
20095+2726	25					4	1.00
20215+3205	27					7	1.00
20217+3330	24					5	1.00
20267+2105	24					9	1.00
20365+1154	24					5	1.00
20509+4212	24					3	1.00
21073+5138	26					4	1.00
21305+2118	26					6	1.00
21453+5959	23					3	1.00

AUTOCLASS CLASS = $\varepsilon 2$

Name	Cl	Nid	Cat	Source		Type	In	Prob
04188+2819	69	5	1	RY	TAU		3	1.00
04525+3028	69	8	1	AB	AUR		5	1.00
07376-2827	29						3	0.99
08502-4606	27	3	7	HENP 14			3	1.00
09027-2758	29						4	1.00
09089-2149	50						3	1.00
10174-5704	69						7	1.00
10377-5846	65						3	1.00
10481-6930	66						4	1.00
11023-5231	27						3	1.00
11026-5923	26						2	1.00
11163-5906	29						3	1.00
11244-5835	29						2	1.00
11405-5726	27						3	1.00
11463-6220	28						4	0.99
11467-6234	26						3	1.00
12345-5802	26						2	1.00
12357-6310	29						3	1.00
12584-4837	92	1	7	-487859			5	1.00
13022-6214	68						4	1.00
13243-6159	24						6	1.00
13355-6314	69						3	1.00
14083-5649	67						3	1.00
14245-6017	26						4	1.00
14339-6048	28						3	1.00
14511-5905	24						2	1.00
15008-5808	25						3	1.00
15198-6032	29						3	1.00
15532-4802	24						3	1.00
16063-3227	28						3	0.99
16198-4622	28						2	1.00
16200-6247	26						2	1.00
16247-5132	26						3	1.00
16273-4929	28						3	1.00
16298-5156	28						2	1.00
16298-4228	29						3	1.00
16350-4754	25						12	1.00
16365-4717	25						4	1.00
16494-3732	29						3	1.00
17001-3421	27						3	1.00
17110-4008	28						4	1.00
17128-4230	29						4	1.00
17132-5003	26						4	1.00
17186-4208	13						3	1.00
17215-3237	26						3	1.00
17262-5003	68						3	1.00
17281-3807	29						3	1.00
17328-3327	29	2	23	OCL 1021			95	1.00
17334-4519	25						2	1.00

AUTOCLASS CLASS = ε2 (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
17375-3247	29					4	1.00
17401-5730	26					5	1.00
17468-2746	29					4	1.00
17508-2810	24					3	1.00
17517-2731	25					4	1.00
17533-2156	69	2	7	163296		3	1.00
17552-3554	29					3	1.00
18138-0426	28					3	1.00
18164-3629	67					3	1.00
18307-1159	69					2	1.00
18319-0027	25					3	1.00
18333-0354	25					3	1.00
18355-0921	29					3	1.00
18355+0227	29					3	1.00
18363-0759	27					4	1.00
18381+0020	25					3	0.85
						(λ21	0.15)
18438-0547	24					3	0.98
18518+0358	27					3	1.00
18531+0016	28	2	4	TMSS 00393		7	0.99
18588+1400	29					3	1.00
19068+1127	27					3	1.00
19103+0935	27					3	1.00
19202+2009	29	1	39	PSR 1920+20		2	1.00
19244+1115	28	5	4	TMSS +10420		115	1.00
19393+2447	26					2	1.00
19399+2258	27					3	1.00
19411+2400	29					3	1.00
19573+3143	29					3	1.00
20095+4312	27					2	1.00
20211+3100	27					3	0.99
20280+2631	29					4	1.00
20296+3742	13					3	1.00
22480+6002	69	4	4	TMSS +60370		19	1.00
23416+6130	69	6	1	PZ CAS		44	1.00

AUTOCLASS CLASS = ε3

Name	Cl	Nid	Cat	Source	Type	In	Prob
15179-4529	50					2	1.00
16550-6815	15					3	1.00
19011+0818	51	3	4	TMSS +10402		3	1.00

AUTOCLASS CLASS = ζ0

Name	Cl	Nid	Cat	Source	Type	In	Prob
00087+5833	63	2	1	V376 CAS		5	1.00
00152+6534	13					2	1.00
00450-2533	81	13	6	N0253		6	1.00
02401-0013	32	12	6	N1068		5	1.00
03206+6521	34					13	1.00
03236+5836	73	1	3	RAFGL 490		9	1.00
03293+6010	33	1	3	RAFGL 5097		6	1.00
04064+5052	13					4	1.00
05044-0325	80	3	23	CED 040		5	1.00
05358-0704	71	4	1	V883 ORI		7	1.00
06070-0619	16	3	23	CED 068		3	1.00
06114+1745	80	2	3	RAFGL 5188		5	1.00
06121+1221	14	2	39	DCC197.8-02.3		3	1.00
06308+0402	14					7	1.00
06364+0846	50	6	1	R MON		6	1.00
07013-1128	31	5	1	Z CMA		16	1.00
07017-1114	31	5	7	6M 9		6	1.00
08247-4223	33					4	1.00
08438-4340	50	2	39	DCC263.6-00.5		7	1.00
08470-4243	50	2	14	260-PN? 8	Pl	5	1.00
10105-5719	80					6	1.00
10277-5730	14					4	1.00
10308-6122	14	2	14	128-EN 4	Em	4	1.00
10366-5931	71					3	1.00
10591-5934	80	4	20	G289.520		11	1.00
11066-7722	80	9	7	97048	A0peShell	3	1.00
11294-6257	15					3	1.00
11332-6258	50					4	1.00
11354-6154	72					6	1.00
11431-6516	80					4	1.00
12389-6147	80					8	1.00
12496-7650	33					7	1.00
13064-6103	31	2	11	PK 305+ 1.1		7	1.00
13065-6354	33					4	1.00
13255-6102	33					5	1.00
13305-6316	35					5	1.00
13328-6244	34					15	1.00
13371-6249	33					10	1.00
13557-6442	35					5	1.00
13581-5930	34					18	1.00
14198-6115	33					4	1.00
14206-6151	72					4	1.00
14346-5952	50					3	0.94
15004-5809	34					5	1.00
15062-5622	15					4	1.00
15225-5605	32					10	1.00
15246-5612	73	3	20	G323.440		6	1.00
15303-5456	35					5	1.00
15357-5239	32					4	1.00

AUTOCLASS CLASS = ζ0 (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
15408-5657	33					4	1.00
15408-5413	71					17	1.00
15476-4836	12	3	7	330036		3	1.00
15509-5207	32					8	1.00
16029-3041	32	1	3	RAFGL 1822		18	1.00
16070-4727	34					5	1.00
16105-4205	35					79	1.00
16263-5533	33					10	1.00
16327-4848	32					15	1.00
16367-4701	71					11	1.00
16434-4545	10	3	7	HEN1250		45	1.00
16437-3140	33					3	1.00
16460-4022	36					54	1.00
16498-4143	35	3	23	ASS 67		6	1.00
16541-4901	33					5	1.00
16550-4314	33					6	1.00
17264-3521	33					4	1.00
17416-3131	34					4	1.00
17505-3143	34	1	3	RAFGL 5403		11	1.00
17531-0940	34					5	1.00
18044-1947	32					10	1.00
18077-2614	34					4	1.00
18096-1003	34					5	1.00
18102-1828	22					7	0.97
18162-1612	80					5	1.00
18184-1302	82	2	7	MWC 922		34	1.00
18216-1552	34					5	1.00
18286-1610	32					3	1.00
18298-2111	34					9	1.00
18302-1052	74					3	1.00
18385-0617	35					8	1.00
18560+0638	34	3	3	RAFGL 2290		32	1.00
18586+0106	35	1	39	NRAO588		3	1.00
19097+0847	81	5	21	43.182		6	1.00
19327+3024	81	3	7	184738		10	1.00
19352+2030	03					8	0.95
19410+2336	74					6	1.00
19493+2905	43					3	1.00
19520+2759	50					6	1.00
20024+3330	80					7	1.00
20110+3321	32					4	1.00
20187+4111	31	6	7	+404124		12	1.00
20261+3825	01					3	1.00
21329+5113	14					3	1.00
21381+5000	32	2	1	V645 CYG		13	1.00
21558+5907	33					8	1.00
22187+5559	72	1	39	NK447		3	1.00
22566+5830	50	6	22	S152		8	1.00
23507+6230	14					4	1.00

AUTOCLASS CLASS = $\zeta 1$

Name	Cl	Nid	Cat	Source	Type	In	Prob
01056+6251	80	2	22	S186		3	1.00
02434+6018	33					3	1.00
04000+5052	78					3	1.00
05345+3157	31	5	16	02452		4	1.00
06299+1011	80	5	7	6+10 8		3	1.00
07333-2217	48					3	1.00
07509-2614	15	4	22	S311		3	1.00
08182-6000	32					3	1.00
12434-6355	49					3	1.00
12502-6328	33	3	40		B8 II	3	1.00
13225-4245	80	8	6	N5128		5	1.00
15188-5750	13					3	1.00
15464-5341	36					4	1.00
15560-5142	33					7	0.95
16041-4912	36					3	1.00
16204-4717	35					3	1.00
17030-2801	14	1	23	LDN 1731		3	1.00
17324-3152	34					7	1.00
17355-3241	80					7	1.00
17486-2345	15					3	1.00
17515-2747	15					4	1.00
18016-2540	38					3	1.00
18056-1514	35					3	1.00
18143-3040	15					3	1.00
18180-1318	38					3	1.00
18224-1228	32					8	1.00
18254-1149	35	1	39	MM 26		5	0.99
18254-1106	50	2	21	20.442		4	1.00
18312-1209	33					5	1.00
18357-0604	37	1	21	26.098		5	1.00
18407-0619	33					4	1.00
18462-0133	80					7	1.00
18463-0052	36	2	39	LMH 36		6	1.00
18526-0006	01					3	1.00
19171+1119	12					2	1.00
19343+2026	33					6	1.00
20149+3440	16					3	1.00
20173+3714	35					3	1.00
20180+3558	36					3	1.00
20220+3404	34					3	1.00
20266+3544	01					3	1.00
20278+3521	75					2	1.00
20301+3933	35					2	1.00
20379+5921	33	5	1	UU CEP		3	1.00
23152+6034	72	2	7	MWC1080		4	1.00

AUTOCLASS CLASS = $\zeta 2$

Name	Cl	Nid	Cat	Source	Type	In	Prob
12358-6323	39					3	1.00
13171-6148	37					3	1.00
13366-6235	01					2	1.00
14562-5637	39					3	1.00
15423-5348	39	1	23	MRSL 327+00/1		3	1.00
15514-5323	39	1	39	SG 328.1+00.1		8	1.00
16213-4944	39					3	1.00
16221-4834	39					3	1.00
16331-4637	16					4	1.00
16333-4654	39					9	0.99
17443-2949	39					6	1.00
18100-1915	39					2	1.00
18173-1100	14					2	1.00
18222-0936	01					2	1.00
18295-1030	81	2	21	21.442		8	1.00
18314-0808	01	1	39	SG 023.7+00.2		3	1.00
18316-0746	39					9	1.00
18316-0602	79	1	3	RAFGL 7009S		9	1.00
18392-0358	39					2	1.00
18482+0020	01					3	1.00
18491-0207	39					3	1.00
18559+0103	79					3	1.00
18566+0408	79					5	1.00
18588+0428	39	1	39	ADG038.1-00.1		4	1.00
19065+0832	39					6	1.00
20281+4038	01					2	1.00
22036+5306	51	1	13	34043	B9	4	1.00
23017+6007	34	3	22	BFS16		2	1.00

AUTOCLASS CLASS = $\zeta 3$

Name	Cl	Nid	Cat	Source	Type	In	Prob
01304+6211	37	2	3	RAFGL 230		40	1.00
05380-0728	77					8	1.00
08470-4321	36					7	1.00
09017-4716	76					5	1.00
09024-5019	10					3	1.00
11438-6330	38					37	1.00
11516-6201	39					5	1.00
11544-6408	01					2	1.00
12561-6400	79					3	1.00
13416-6243	73					4	1.00
14028-5836	36					4	1.00
14031-6237	38					9	1.00
14092-6506	80	3	6	A1409-65		4	1.00
14169-6027	39					5	1.00

AUTOCLASS CLASS = ζ3 (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
14182-6144	37					5	1.00
14425-6023	35					4	1.00
14428-5742	39					6	1.00
14452-6033	39					2	1.00
16219-4823	39					3	1.00
16231-4656	35					2	1.00
17010-3840	35					11	1.00
17088-4221	39					6	1.00
17160-3718	39					3	1.00
17210-3946	35					4	1.00
17211-3537	35					3	1.00
17292-2727	39					3	1.00
17317-3331	79	1	3	RAFGL 5356		25	1.00
17392-3319	37					5	1.00
17441-2411	50	1	3	RAFGL 5385		5	1.00
17495-2534	39					5	1.00
17544-2543	39					3	1.00
17556-1742	37					3	1.00
18007-1841	39					3	1.00
18080-2238	37					4	1.00
18257-1000	39					13	1.00
18305-0826	37					6	1.00
18309-1318	36					3	1.00
18310-2834	39					3	1.00
18379-0500	76	3	21	27.276		4	1.00
18396-0807	35					2	1.00
18481+0405	39					3	1.00
18549+0208	39					5	1.00
18564+0232	38					3	1.00
19011+0638	39					4	1.00
19017+0608	39					4	1.00
19159+1556	64					6	1.00
19193+1504	79	3	21	49.831		5	1.00
19252+1737	74	2	21	52.753		3	1.00
19254+1631	39					4	1.00
19283+1944	39	1	3	RAFGL 2403		16	1.00
19310+1745	39					2	1.00
19440+2251	39	1	21	59.476		4	1.00
19480+2504	01					3	1.00
19566+3423	36					5	1.00
19576+2814	39					4	1.00
20043+2653	39					4	1.00
20272+3535	39					4	1.00
20275+4001	38	1	3	RAFGL 2591		72	1.00
21282+5050	80					6	1.00
21554+6204	38					10	1.00
22177+5936	38	1	3	RAFGL 2885		19	1.00
22272+5435	72	2	2	DO 41457		8	1.00
23151+5912	39					11	1.00

AUTOCLASS CLASS = ζ4

Name	Cl	Nid	Cat	Source	Type	In	Prob
00127+6058	43	2	22	S172		3	1.00
00170+6542	24					3	1.00
00210+6221	12					6	0.98
01144+6658	21	2	3	RAFGL 190		11	0.87
						(ζ0	0.13)
02345+5422	23	1	3	RAFGL 5076		4	1.00
03313+6058	22					4	1.00
05131+4530	42	3	3	RAFGL 712		7	1.00
05361+4644	23	4	2	DO 29533		18	1.00
05513-1024	23					3	1.00
06176-1036	80	3	16	02919	BE	63	1.00
06283+1028	50	7	1	V481 MON		5	1.00
06319-0501	32	1	3	RAFGL 5201		8	1.00
06582+1507	22					4	1.00
08171-2134	22	1	3	RAFGL 5250		14	1.00
09014-4736	80					8	1.00
09354-5627	13					3	1.00
09448-4748	04					4	1.00
09526-5701	14					3	1.00
09593-5540	42					8	1.00
10028-5825	64	6	7	87643		13	1.00
10226-5229	42					7	1.00
11418-6706	14					4	0.99
12042-6355	11					5	1.00
12131-6442	24					3	1.00
12204-6203	23	1	7	HEN 781		3	1.00
13064-6433	42					4	1.00
13527-6117	43					10	1.00
13572-6347	32					10	1.00
14119-6453	42					7	1.00
14353-4809	14					4	1.00
14582-5926	42					19	1.00
15054-5458	12					3	1.00
15086-5613	31					5	1.00
15142-5547	14					3	1.00
15229-5445	14					4	1.00
15373-5308	13					6	1.00
15399-5305	31					5	1.00
15422-4414	31					4	1.00
15471-5644	21					15	1.00
15474-5223	32					14	1.00
16001-4851	42					3	1.00
16005-4126	12					5	1.00
16055-4621	31					7	1.00
16229-4947	43					6	1.00
16265-5100	41					4	1.00
16275-2638	24					4	1.00
16279-5342	42					5	1.00
16314-5611	42					4	1.00

AUTOCLASS CLASS = ζ4 (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
16320-4419	43					3	1.00
16384-4704	42					3	1.00
16399-3548	23					5	1.00
16432-4727	24					5	1.00
16467-4255	73					4	1.00
16469-4753	13					6	1.00
16545-4810	13					5	1.00
16546-4057	31					12	1.00
17030-4246	13	1	23	MRSL 344-01/1		3	1.00
17047-5650	80	1	7	-568032		25	1.00
17076-4702	32					5	1.00
17125-4814	42					8	1.00
17167-4055	32					6	1.00
17189-6501	24					4	1.00
17272-2657	13					3	0.99
17288-3748	50					4	1.00
17319-6234	31					20	1.00
17360-3012	42	1	3	RAFGL 1992		34	1.00
17443-2519	42	1	3	RAFGL 5386		7	1.00
17450-2724	13					5	1.00
17459-3057	31					10	1.00
17482-2824	42	1	3	RAFGL 5146S		53	1.00
17515-2407	42	1	3	RAFGL 6903S		6	1.00
17534-3030	21	1	3	RAFGL 5416		19	1.00
17567-3233	24					4	1.00
18006-3213	22					4	1.00
18021-2022	50					3	1.00
18034-2203	42					5	1.00
18081-2138	14					7	1.00
18176-1848	32	1	3	RAFGL 5471		7	1.00
18185-2531	13					3	1.00
18205-1212	31					4	1.00
18207-1029	43					3	1.00
18210-1825	14					4	1.00
18265-0205	16					3	1.00
18267-0606	13	2	16	10890	BE	11	1.00
18273-0738	31					7	1.00
18281+2149	25	3	1	AC HER		5	1.00
18303-0519	23					8	1.00
18333+0533	42	1	3	RAFGL 2199		26	1.00
18437-0643	32					8	1.00
18467-4802	22					27	1.00
18535+0726	12					5	1.00
18540+0302	32	1	2	DO 5207		4	1.00
18550+0130	32					7	1.00
18554+0231	31					7	1.00
18585+0900	41					8	1.00
19075+0921	12					12	1.00
19131+1157	12					3	1.00

AUTOCLASS CLASS = $\zeta 4$ (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
19142+1034	13					3	1.00
19161+2343	31	2	3	RAFGL 2362		14	1.00
19190+1128	32					4	1.00
19192+0922	31	1	3	RAFGL 2374		18	1.00
19210+1448	32					9	1.00
19231-2717	22					4	1.00
19236+1359	13					5	1.00
19238+1159	12					6	1.00
19304+2529	12					5	1.00
19420+3318	24					3	1.00
19508+2659	43					4	1.00
19520+2729	33					4	1.00
19548+3035	21	1	3	RAFGL 2477		9	1.00
20065+3509	13	1	23	LDN 0856		3	1.00
20181+2234	42					4	1.00
20422+4644	13					3	1.00
20491+4236	43					7	1.00
21023+5002	50	2	23	LDN 0988		4	1.00
21122+4900	13					3	1.00
21318+5631	21	1	23	LDN 1085		23	1.00
22303+5950	41					7	1.00
23166+1655	02	1	3	RAFGL 3068		63	1.00
23268+6854	13					4	1.00
23541+7031	31	2	11	PK 118+ 8.1		12	1.00

AUTOCLASS CLASS = $\eta 0$

Name	Cl	Nid	Cat	Source	Type	In	Prob
01261+6446	13	2	4	TMSS +60052		4	1.00
03078+6046	13					3	1.00
04445+4733	14					3	1.00
06344-0124	14					4	1.00
08017-3651	14					3	1.00
08304-4313	42					4	0.98
08305-3314	41					5	0.58
						($\lambda 20$	0.42)
10011-5650	33					11	1.00
10130-5703	14					5	1.00
10267-5658	14	1	40		K0 III	5	1.00
11356-6144	32					4	1.00
12419-6058	21					8	1.00
13205-7945	14					3	1.00
13522-5619	13					3	1.00
14139-6017	23					10	1.00
14318-5937	23					3	1.00
14354-4839	13					3	1.00

AUTOCLASS CLASS = $\eta 0$ (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
14366-5803	31					5	1.00
15050-6037	14					4	1.00
15164-5635	31					4	1.00
15193-5656	44					4	1.00
15307-4122	14	1	1	BO LUP		3	0.99
15392-5545	13					2	1.00
16093-4808	44					5	1.00
16261-4115	13					3	1.00
16342-4812	15					5	1.00
16528-4059	32					7	1.00
16562-4256	12	1	20	G343.150		6	1.00
16573-4619	31					6	1.00
16598-4117	24					11	0.93
17011-4136	13					4	1.00
17265-2626	13					3	1.00
17289-3106	13					4	1.00
17309-3412	13					4	1.00
17390-0626	14	3	4	TMSS -10375		4	1.00
17547-3249	13					4	1.00
18082-0515	14					4	1.00
18161-1713	32					7	1.00
18168-1520	13					5	1.00
18188-1342	13					3	1.00
18248-0745	12	3	4	TMSS -10423		3	1.00
18265-1908	14	3	11	PK 13- 3.1		4	1.00
18287-1447	13					3	1.00
18358-0542	13					4	1.00
18422-0054	13					3	1.00
18465-0717	13					3	1.00
18482+0051	13					4	1.00
18507+0057	12	1	21	34.049		6	1.00
19005+0843	13					3	1.00
19083+0851	22					5	1.00
19093+1026	14					3	1.00
19131+1551	12					4	1.00
19252+1550	33					6	1.00
19291+2012	13					3	1.00
20056+1834	14					3	1.00
20212+4301	15	1	23	MRSL 080+03/7		3	1.00
20318+3829	32	3	4	TMSS +40432		9	1.00
20547+0247	32	1	1	U EQU		7	1.00
21008+5930	15	3	16	13487	M7	4	1.00
21444+5053	43	2	23	LDN 1070		3	1.00
21581+5707	42	5	1	GN CEP		4	1.00
23448+6010	44					3	1.00

AUTOCLASS CLASS = $\eta 1$

Name	Cl	Nid	Cat	Source	Type	In	Prob
05307+4105	33	6	2	DO 11346		2	0.99
06303+1021	80	4	7	259431		3	1.00
06465+1214	14	4	1	FK GEM		3	1.00
07045-1104	15					3	1.00
07497-3019	13	2	4	TMSS -30102		2	1.00
10121-5846	14	2	1	AF CAR		4	1.00
10537-5930	16					5	1.00
13158-6123	14					2	1.00
13258-6232	14					2	1.00
13395-6210	15					3	1.00
14559-5936	15					3	1.00
15005-5758	15					3	1.00
15153-2745	15	3	1	AR LIB		3	0.91
15249-5550	44					4	1.00
15524-4429	14	1	1	AS NOR		3	1.00
15535-5328	34					3	1.00
15546-6117	15					3	1.00
16099-4438	13					3	1.00
16271-5003	13	1	17	2336		3	1.00
16455-4349	73					5	1.00
16467-6217	15					2	1.00
16518-4700	14					3	1.00
16567-5315	13					3	1.00
17079-3844	34					6	1.00
17142-3446	14					2	1.00
17475-3101	15					4	1.00
17551-2237	15	2	23	LDN 0215		3	1.00
18123+0511	14					2	1.00
18487+0205	33					3	1.00
18499-0316	32	4	39	RICH 25		4	0.99
19043+0823	15					3	1.00
19208+0133	32	3	1	V412 AQL		4	1.00
19228+1630	32					3	1.00
19240+1806	15					4	1.00
19241+1608	33					3	1.00
19255+1531	15					3	1.00
19263+1810	34					4	1.00
19317+2159	44					3	1.00
19584+2652	32					3	1.00
20016+3548	13	2	4	TMSS +40376		3	1.00
20067+3231	13					2	1.00
21057+5312	14	2	4	TMSS +50360		2	1.00
23058+5526	01	2	4	TMSS +60387		2	1.00

AUTOCLASS CLASS = θ0

Name	Cl	Nid	Cat	Source	Type	In	Prob
08376-0803	29					3	1.00
09053-4913	14					3	1.00
12509-6353	47					3	1.00
13495-5217	01	1	1	HS CEN		2	1.00
15069-5502	47	1	17	2217		2	1.00
15439-6645	12					3	1.00
15588-5031	27					2	1.00
16219-4804	01					2	1.00
16313-4515	01					2	1.00
18221-2629	29					3	1.00
18513+0235	29					3	1.00
19227+1700	22					7	1.00
19245+1609	14					3	1.00
19255+2341	49	1	23	LDN 0781		3	1.00
20160+0725	29	2	1	V470 AQL		2	1.00

AUTOCLASS CLASS = λ0

Name	Cl	Nid	Cat	Source	Type	In	Prob
20311-2325	01	2	13	189441	M2	3	1.00

AUTOCLASS CLASS = λ1

Name	Cl	Nid	Cat	Source	Type	In	Prob
03064-2638	50	3	13	168329	M3	2	1.00
04015+1222	32	4	2	DO 690		3	1.00
04085+0211	15	3	13	111646	M0	4	1.00
06087+1928	14					3	1.00
06344-3032	17	3	1	FH CMA		3	1.00
06366+1127	01	3	2	DO 1693		3	1.00
07129+0600	01	5	2	DO 2052		3	1.00
08115-4758	16	1	1	BN VEL		3	0.98
08495-4940	01	1	17	1323		2	1.00
15389-5757	14	4	16	07199-	M3III	3	1.00
15478+6135	16	3	2	DO 35081		3	1.00
16205-1545	15	1	39	OS-134		3	1.00
16398-4834	16					4	1.00
17499+0646	50	4	2	DO 4460		3	1.00
18120+4530	50					2	1.00
18354-1824	50	2	4	TMSS -20504		3	1.00
18548+0637	32	5	1	V840 AQL		3	1.00
19050-4226	01	1	1	RZ CRA		2	1.00
19317-3416	01	1	16	12159	MB	2	1.00

AUTOCLASS CLASS = λ1 (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
20513-6253	14	3	1	U PAV	Md	2	1.00
21249+1353	16	5	2	DO 20445		3	1.00
22595+4537	50	6	17	3174	R8,NB	2	1.00

AUTOCLASS CLASS = λ2

Name	Cl	Nid	Cat	Source	Type	In	Prob
04420-1245	16	3	4	TMSS -10077		3	1.00
04424-0242	16	3	4	TMSS 00063		3	1.00
06318+7357	01	1	1	SU CAM		3	1.00
13454-3636	15	2	1	RT CEN		3	1.00
17281+1757	01	2	1	UZ HER		3	1.00

AUTOCLASS CLASS = λ3

Name	Cl	Nid	Cat	Source	Type	In	Prob
07435-3243	14	1	14	368-SC 12	OC	2	1.00
17413+1133	15					2	1.00
17502-1316	14	2	4	TMSS -10383		3	1.00

AUTOCLASS CLASS = λ4

Name	Cl	Nid	Cat	Source	Type	In	Prob
01003+4535	01	3	1	EH AND		3	1.00
08358+6430	50	4	15	3403	K1IIIb	3	1.00
17391-2023	16	2	4	TMSS -20379		4	1.00

AUTOCLASS CLASS = λ6

Name	Cl	Nid	Cat	Source	Type	In	Prob
01230-4611	13	3	13	215498	M3/4	3	1.00
01481-1753	16	4	16	00634	M5	3	1.00
04064+3321	15	2	4	TMSS +30072		3	1.00
05187+4700	13					3	1.00
07537-2920	15	2	4	TMSS -30106		3	1.00
09077-0209	01	2	4	TMSS 00184		2	0.99
09394-4909	45	3	11	PK 274+ 2.1		3	1.00

AUTOCLASS CLASS = $\lambda 6$ (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
09433-2339	15	3	1	AZ HYA		3	1.00
10135-2614	15	3	16	04800		4	1.00
11002-7114	01	3	7	95881	A1/2 III/IV	2	1.00
11560-5613	13					3	1.00
12350-6240	25					3	1.00
13290-6144	16	2	23	MRSL 307+00/1		4	1.00
14460-5529	13					3	0.98
15026-7358	14					3	0.99
15384-6332	15					3	1.00
15556-5444	14					4	1.00
16076-4645	27					2	1.00
16419-4758	27					3	1.00
16493-3016	16	2	4	TMSS -30270		3	1.00
16518-0728	15	2	4	TMSS -10350		3	1.00
17072-4115	13					3	1.00
17077-2417	14	2	4	TMSS -20349		2	1.00
17107-3123	16	3	4	TMSS -30286		4	1.00
17321-3336	26					7	1.00
17323-3614	14					3	1.00
17596-2716	14					4	1.00
18110-2826	13					3	1.00
18120+1408	14					3	1.00
18193-2335	14					4	1.00
18298-2856	01	2	4	TMSS -30387		3	1.00
18307-1143	14					2	1.00
18443-2215	14					3	1.00
18444+2143	14	1	1	BS HER		2	1.00
18530+0507	44					3	0.95
18578+0951	14					2	0.99
19010-1928	50	3	16	11696	M6	3	1.00
19088+2154	14	2	4	TMSS +20389		2	1.00
19118+1020	15					3	1.00
19416-0210	25					2	1.00
19574+1022	15	6	1	PV AQL		2	1.00
20084+2750	14					2	1.00
20121+3914	13	3	4	TMSS +40400		3	1.00
20482+3359	15	3	2	DO 19513		2	1.00
21406+5810	14					3	1.00

AUTOCLASS CLASS = $\lambda 7$

Name	Cl	Nid	Cat	Source	Type	In	Prob
00578+5620	16	6	19	17		6	1.00
01088-1346	15	3	13	147656	MB	4	1.00
01094+2157	16	3	1	X PSC		4	1.00
01359+0106	14	4	1	SW CET		3	0.94

AUTOCLASS CLASS = λ7 (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
01426+6044	15	6	2	DO 24747		3	0.99
02157+6355	16	5	2	DO 25546		4	1.00
02294+4616	01	1	1	AX AND		3	1.00
03250+3318	16	4	2	DO 9953		4	1.00
03458+5054	16	5	1	AP PER		4	1.00
03531-2410	16	4	1	T ERI		3	1.00
04004-6113	16	3	15	1266	K4III	3	0.98
04058-7958	16					4	1.00
04086-7044	16					4	1.00
04265+4550	16	4	2	DO 28355		5	1.00
04344+3231	15	2	4	TMSS +30091		4	1.00
04380+4005	17	5	1	HO PER		4	0.99
04439+3921	16					4	1.00
05073-0534	16	4	17	297	N0	3	1.00
05191-4334	01	2	16	01946	M2	3	0.90
05281+1831	16	6	1	DV TAU		5	1.00
05408+4249	18					3	1.00
05429-0415	16	3	16	02622	M4	3	1.00
05465+1311	15	3	4	TMSS +10096		4	1.00
06038-0705	16	1	4	TMSS -10108		5	1.00
06090+3242	16	4	15	2189	M2IIIa	4	0.99
06304+6407	15	5	1	RT CAM		5	0.84
						(λ25	0.16)
06308+2819	16	2	4	TMSS +30156		4	1.00
06426+1654	16					4	1.00
06485-0748	15					3	0.99
07043+2246	16	6	19	206	S3.9e	5	1.00
07170+4240	16	3	2	DO 31441		3	1.00
07195-0327	16					4	1.00
07211-2916	17	4	4	TMSS -30089		3	1.00
07334-3719	15					4	0.93
07356-2617	16	3	1	DV PUP		3	1.00
07398-5215	31					4	0.98
07517+5719	15	2	24	60184		4	0.91
08157-6819	16					4	1.00
08204-0722	16	5	15	3288	M1III	4	1.00
08229-7611	31	2	1	R CHA	Md	4	1.00
08374-5909	16					3	1.00
08403-3853	16	1	19	327		3	1.00
08453-3833	42					5	0.98
09174-6824	15					3	1.00
09338-5349	01	2	19	362		4	0.98
09455-5706	16	1	40		M5 IB/II	4	1.00
09556-4122	15					5	1.00
10155-4741	16	3	1	WZ VEL	M5/6 II/III	5	1.00
10256-2108	16	1	4	TMSS -20212		5	1.00
10469-5620	16	1	40		M6 III	4	0.98
11238-5105	16	1	16	05201		4	1.00
11280-5528	15					3	1.00

AUTOCLASS CLASS = λ7 (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
11385-5722	14	1	1	UV CEN		3	0.86
11496-6136	16					4	0.98
12322-4741	16	1	1	V395 CEN		3	1.00
12451-4454	16					5	1.00
12500-2544	15	4	16	06006	M5	4	1.00
13077+2452	15	3	2	DO 14707		4	1.00
13081+4718	16	4	1	SY CVN		3	0.98
13106-5218	16					4	1.00
13199-0330	16	3	2	DO 3350		3	0.99
14057-6757	16	1	40		M5/7 (III)	6	0.98
14152-1428	16	4	1	AN VIR		5	0.99
14316-3920	16	1	16	06708		5	0.57
						(δ5	0.43)
14512-4746	16					4	1.00
15249-3711	16	2	13	206673	MB	3	1.00
15304-1509	17	2	1	RU LIB		4	1.00
15535-1809	15	3	1	RR LIB		3	0.95
16102-7354	15	1	1	VZ APS		4	1.00
16293-3939	15					4	1.00
16348-3522	16	1	3	RAFGL 5061S		3	1.00
16461-1922	15	3	1	RR OPH		3	1.00
16540-1019	16	2	4	TMSS -10352		4	1.00
16544-3902	17	2	13	208237	M0	4	1.00
17120+5755	16	4	1	TT DRA		3	0.96
17123-0953	15	4	1	V505 OPH		3	1.00
17206-3849	17	1	1	BL SCO		5	1.00
17279-4950	16	6	15	6510	B2Vne	4	1.00
17352-2049	16	3	4	TMSS -20374		3	1.00
17359+4555	15	3	2	DO 35835		3	0.99
17398-3301	17	3	15	6587	M1III	4	0.99
17427+2130	15	4	2	DO 16211		3	0.98
17528+5703	15	3	1	BB DRA		3	1.00
18044+2015	16	3	1	DF HER		3	1.00
18063-4525	16	2	17	2534	R	4	1.00
18065-2307	15	3	4	TMSS -20437		3	1.00
18068-1517	16	3	16	10285	M2	4	1.00
18156+0655	16	5	1	BC OPH		4	1.00
18256-1948	16	3	4	TMSS -20486		4	1.00
18352-1225	15	4	16	11129	M6	4	1.00
18356-1454	15	2	4	TMSS -10444		4	1.00
19158+1955	15					3	1.00
19250+0156	15	4	1	TU AQL		4	1.00
19371+1627	17	5	15	7475	K4Ib	4	1.00
19431+5813	17	5	2	DO 37697		4	1.00
19573-1641	15	3	4	TMSS -20578		3	0.98
20002-5121	16	1	13	246416	MA	3	1.00
20044+2417	16	5	19	634		5	1.00
20068-2544	16	3	13	188971	M3	5	0.96
20079+2608	16	4	1	W VUL		5	1.00

AUTOCLASS CLASS = $\lambda 7$ (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
20252+3623	16	5	19	650		3	1.00
20297-3553	16					3	1.00
20383+0100	15	5	2	DO 6914		3	1.00
20402+2718	15	3	1	EN VUL		4	0.99
20407+1654	16	4	1	S DEL		4	1.00
20487-1117	15	3	4	TMSS -10550		4	1.00
20594+4956	16	4	23	LDN 0984		3	1.00
21036+0737	16	6	1	Y EQU		4	1.00
21038+2912	16	3	1	TW CYG		3	1.00
21152+4945	32	4	2	DO 39381		4	1.00
21436-0930	16	4	15	8318	M3III	4	1.00
22005+5428	16	5	1	DQ CYG		4	1.00
22034-6857	16	1	16	14021		4	1.00
22156+0228	15	4	1	UW PEG		3	0.99
22204-2218	15	4	1	RT AQR		4	1.00
22395+5831	17	1	7	3G 92		4	1.00
22423+6127	17	6	17	3152	N,R8,	4	1.00
23078+3955	16	2	4	TMSS +40530		4	1.00
23217-1735	15	4	1	RU AQR		5	1.00
23436+6011	16	2	4	TMSS +60421		3	1.00
23448+2551	16	5	2	DO 22448		5	1.00
23473-6124	16	2	13	255580	M5III	3	0.99
23487+0902	16	5	15	9030	M3IIIa	4	1.00
23595-1457	16	5	19	740	S7.3e	4	0.90

AUTOCLASS CLASS = $\lambda 9$

Name	Cl	Nid	Cat	Source	Type	In	Prob
18189-2335	14	4	16	10685	M7	3	1.00

AUTOCLASS CLASS = $\lambda 10$

Name	Cl	Nid	Cat	Source	Type	In	Prob
03253+2030	16					4	0.99
04086+2915	15	2	4	TMSS +30074		3	1.00
04488+2855	15	3	4	TMSS +30099		3	1.00
05154-6359	15					3	1.00
05236+3200	16	4	1	EG AUR		4	1.00
05486-2912	15	3	1	R COL		3	1.00
06101+2039	14	4	2	DO 12016		3	1.00
07145+3912	15	4	2	DO 12910		3	1.00
09244-5958	15					3	1.00
09569-4806	16					3	1.00

AUTOCLASS CLASS = λ10 (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
12006-6558	14					2	1.00
12368-4529	15					3	1.00
13267-6155	01					3	0.98
14310-3128	15	2	1	TU CEN		3	0.99
14339-7218	01	1	1	SV APS		3	1.00
14384-5621	15					3	0.67
						(λ27	0.28)
15194-1829	14	1	4	TMSS -20285		3	1.00
16487+1025	13	1	4	TMSS +10313		2	1.00
16590-6253	15	1	40		M3/5 (III)	4	0.95
17139-4019	26	1	1	KW SCO		4	1.00
17305-4642	15	1	1	AY ARA		3	1.00
17343+3525	15	2	2	DO 16107		3	1.00
17359-2138	16	3	23	LDN 0174		3	1.00
17580+0537	24	5	1	V569 OPH		3	1.00
18007-1833	15					3	1.00
18192-1855	01					3	1.00
18236-1004	15	2	4	TMSS -10420		3	1.00
19040+2416	01	2	4	TMSS +20387		2	1.00
19268+1904	15					3	1.00
20242+4058	16	2	4	TMSS +40416		3	0.99
21367+0804	01	6	1	EM PEG		3	1.00
21576+4817	01	3	1	FG CYG		3	1.00

AUTOCLASS CLASS = λ11

Name	Cl	Nid	Cat	Source	Type	In	Prob
00084-1851	14	3	13	147130	M0	3	1.00
00294+1419	14	4	1	T PSC		3	1.00
01126+4027	15	2	1	U AND		3	0.99
01223+1435	15	4	16	00498	M6	5	0.99
04199-2248	14	3	16	01578	M6	3	1.00
05322+6723	14					3	1.00
06125+1746	15	3	16	02882	M2	3	1.00
12213-4132	14	1	16	05590		2	1.00
13117-5543	15	2	16	06151		2	1.00
13450-2054	15	1	4	TMSS -20259		3	1.00
14069-3024	14	2	1	V681 CEN		3	1.00
16152-8008	15					3	1.00
16334+3726	14	4	1	W HER		3	1.00
17213-3023	13					4	0.98
17360-0142	15	2	4	TMSS 00310		4	1.00
17469+2233	16	4	1	SU HER		3	1.00
17558-1635	16	3	4	TMSS -20407		3	0.92
18248+5053	14					2	1.00
18399+0434	15	5	1	DE SER		3	1.00

AUTOCLASS CLASS = λ11 (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
19263+0444	15	3	4	TMSS 00434		2	1.00
19588+4002	14	7	1	AH CYG		2	1.00
21114+5013	14	2	4	TMSS +50365		3	1.00
21202+2147	16	4	1	SW PEG		4	0.99
23123+6407	15					3	1.00
23268+5622	15	5	1	V356 CAS		3	1.00
23584+3813	15	4	2	DO 22623		4	1.00

AUTOCLASS CLASS = λ12

Name	Cl	Nid	Cat	Source	Type	In	Prob
00067+6340	27	4	2	DO 22804		8	1.00
01013-6437	17	1	40		M6 III	4	1.00
01472+5329	26	5	1	TT PER		6	1.00
01597+1601	24	5	1	RY ARI		5	1.00
02255+6903	26	1	24	70035		4	1.00
02455-1240	25	5	15	832	M4III	11	1.00
03042+5850	15	4	4	TMSS +60112		4	0.98
03507+1115	26	4	1	IK TAU		548	1.00
04265+5718	22	4	1	RV CAM		11	1.00
05097-4538	24	1	1	Y PIC		5	1.00
05217-3943	26	2	15	1793	M1III	6	1.00
05242+2303	24	3	4	TMSS +20106		5	1.00
05524+0723	02	6	15	2061	M1-2Ia-Iab	793	1.00
05539+2016	16	5	2	DO 11744		4	1.00
05574-4234	22					5	1.00
06310-6650	25	3	16	03026	M6 II/III	11	1.00
06358-0136	16	4	16	03057	ME	4	1.00
06391-2213	23	3	4	TMSS -20101		4	1.00
06451-2016	23	2	4	TMSS -20107		6	1.00
07232-0544	23	2	1	TT MON		5	1.00
07508-0754	27	3	13	135215	M8	3	0.99
07568-3226	42	4	13	198658	A0	6	1.00
08003+3629	23	5	1	SV LYN		9	1.00
08363-4643	22	2	16	04166	M7	18	1.00
08568-2304	16	2	4	TMSS -20181		5	1.00
09019+6458	15	3	16	04368	M8	3	1.00
09105-4334	24	2	1	SY VEL		10	1.00
09368+7804	24	2	1	Y DRA		3	1.00
09562-4031	42					4	1.00
10133-6758	23					3	1.00
11009-6117	17	1	17	1806		3	1.00
11011-6651	43	2	1	KV CAR	M4III	8	1.00
11541-6211	25	1	1	AL CRU		3	1.00
13006-6349	16	2	16	06075	M6III	5	1.00
13014+0720	24	5	1	CO VIR		5	1.00

AUTOCLASS CLASS = λ12 (continued)

Name	Cl	Nid	Cat	Source		Type	In	Prob
13355-5928	17						4	1.00
13456-4415	24	1	1	XY	CEN		3	0.99
13475-4531	29	1	1	V618	CEN		5	1.00
14390+3147	23	5	1	RW	BOO		10	1.00
15402-5449	25	3	1	T	NOR	M4/6 E	10	1.00
16503+0529	25	4	1	RX	OPH		4	1.00
17192-1305	23	4	1	AB	SER		6	1.00
17415-0321	27	2	1	AR	OPH		4	1.00
17422-3320	25						4	1.00
17472-2222	16	4	16	09741		M6	3	1.00
18015-1244	23	3	4	TMSS	-10394		4	1.00
18378-2607	25	3	1	V2608	SGR		4	0.99
18394+2845	25	4	1	SY	LYR		4	1.00
18402-4717	25	1	1	RT	TEL		4	1.00
19232+5008	26	5	1	CH	CYG		63	1.00
19298-0427	15	2	4	TMSS	00442		4	1.00
19311-2245	17	3	4	TMSS	-20567		4	1.00
20086+3318	24	3	4	TMSS	+30417		5	1.00
21100-1435	24	4	1	RX	AQR		11	1.00
22003-0010	24	4	2	DO	7686		4	1.00
22594+6117	25	7	2	DO	42369		7	1.00
23107-6833	23	2	13	255433		K2IIIP	4	1.00
23564-5651	02	3	1	S	PHE	M5E	14	1.00

AUTOCLASS CLASS = λ13

Name	Cl	Nid	Cat	Source	Type	In	Prob
12536-5737	16	3	17	2045		5	1.00

AUTOCLASS CLASS = λ14

Name	Cl	Nid	Cat	Source	Type	In	Prob
19415+2814	29					2	1.00

AUTOCLASS CLASS = λ15

Name	Cl	Nid	Cat	Source		Type	In	Prob
03168+3257	15	4	1	TW	PER		2	1.00
05518-0105	16	5	2	DO	1329		3	0.99
11179+6537	16	2	2	DO	33656		3	1.00

AUTOCLASS CLASS = λ15 (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
19007+5745	16	3	4	TMSS +60260		3	1.00
19168+0025	24	3	1	CY AQL		2	1.00

AUTOCLASS CLASS = λ16

Name	Cl	Nid	Cat	Source	Type	In	Prob
01186+6105	15					3	1.00
01265+5831	01	2	2	DO 24388		3	1.00
01305+4615	15	3	1	SX AND		2	0.99
05045+3745	15	2	1	DM AUR		3	1.00
05191+0258	15					2	0.99
05192+3849	14	2	4	TMSS +40123		3	1.00
07039-3049	15	2	4	TMSS -30074		2	1.00
07099+1441	01	5	17	688	NEP,R	3	1.00
07454-1553	01	6	15	3027	M2II-III	4	0.98
08509+0315	16	2	1	S HYA		3	1.00
11189-5829	01					2	1.00
11538-3359	16	2	1	DV HYA		3	1.00
12307-5422	01	2	1	U CEN	ME	3	1.00
12363+1404	14	3	2	DO 14620		3	1.00
14084-7500	16	1	16	06578		2	1.00
14145-6135	16					3	1.00
14376-5849	01					3	1.00
15062-6230	13					2	1.00
15514-4843	15					2	1.00
16368-2400	14					2	1.00
17258-7331	01	2	13	257507	M4/5 III	3	1.00
17511-4817	01	1	1	V ARA		3	1.00
18163-1954	01					2	1.00
18268+1218	01	3	2	DO 4850		3	1.00
18402-6008	01	1	1	BE PAV		3	1.00
20046-3052	01	3	16	12808		3	1.00
20054+3047	14					3	0.98
20069+2148	01	2	17	2864		3	0.98
21192-1522	05	2	1	T CAP		3	1.00
22040-0040	01	4	1	UW AQR		3	1.00

AUTOCLASS CLASS = λ17

Name	Cl	Nid	Cat	Source	Type	In	Prob
05147+4627	16					2	1.00
06243-0752	16	2	4	TMSS -10123		3	1.00
08069-4827	15	1	16	03926	M5	3	1.00

AUTOCLASS CLASS = λ17 (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
08508-3832	16	2	15	3535	M0III	2	1.00
09177-3325	16	1	13	200242	M5	3	1.00
15525-0350	16	4	4	TMSS 00274		3	1.00
19178-1818	16	3	1	V2139 SGR		3	1.00

AUTOCLASS CLASS = λ18

Name	Cl	Nid	Cat	Source	Type	In	Prob
00453+5317	14	3	4	TMSS +50015		3	1.00
00513+6317	13	4	1	BL CAS		3	0.99
01326-7527	15	1	1	RY HYI		2	1.00
01479+4228	01	3	2	DO 24888		3	0.78
						(λ11	0.22)
01550+5901	14	3	13	22801	K7	2	1.00
02157+5843	14	3	1	T PER		3	1.00
02158+5101	14	4	1	BV PER		2	1.00
02537-0614	15	3	4	TMSS -10042		3	1.00
04043-0748	15	4	1	RV ERI		3	1.00
04071+5215	14					3	1.00
04192+3957	15					3	0.97
04293+5241	15	3	13	24682	K5	3	0.99
04536+5726	14					3	1.00
04579+4956	43					3	1.00
05031+3519	14	3	1	AQ AUR		3	1.00
05055-1239	15	4	16	01842-	M0	2	1.00
05067+2942	15					3	0.91
05131+3039	15					3	1.00
05237+4839	14	3	4	TMSS +50145		3	1.00
05315+5452	14	3	4	TMSS +50147		3	1.00
05522-0734	15					2	1.00
06214+1414	15	2	4	TMSS +10120		2	1.00
06229-2326	14	3	16	02956	M5	3	1.00
06261-3832	15					2	0.99
07209-2522	15	2	1	CY CMA		2	1.00
07448-3406	14					2	1.00
07486-7753	14	1	1	V CHA		4	1.00
07553-1504	14	3	4	TMSS -20151		3	1.00
08008-1205	14	3	4	TMSS -10186		3	1.00
08069-4350	15	1	1	BK VEL		3	1.00
09079-1942	15	4	1	TU PYX		3	1.00
09170-5520	15					2	1.00
09297-5208	13					2	1.00
10139-4933	14					3	1.00
11059-7119	14	1	16	05098		3	1.00
11321-7135	14					3	1.00
12323-2033	14	3	1	RU CRV		4	0.99

AUTOCLASS CLASS = λ18 (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
13175-6557	16	1	16	06189		3	1.00
13240-5742	14	1	1	EE CEN		3	1.00
14107-5437	15	1	1	V717 CEN		2	1.00
14274-4828	14	1	1	RT LUP		3	1.00
14312-5847	13					3	1.00
15043-7213	16					4	1.00
15084-7551	14					3	1.00
15152+3632	15	2	1	RT BOO		3	1.00
15528-1242	15	3	1	SW LIB		3	1.00
16114-3215	15	1	4	TMSS -30258		3	0.99
16249-3915	16					3	1.00
16400+3301	13	1	4	TMSS +30295		3	1.00
16492-6454	32	1	1	FW TRA		4	1.00
16586+5223	15	2	1	WZ DRA		2	1.00
17113-1456	14	2	4	TMSS -10360		3	1.00
18054-3112	14	2	4	TMSS -30361		3	1.00
18145-4018	14	1	1	V375 CRA		3	1.00
18204-0637	14					3	1.00
18218-0749	13					2	1.00
18374-1516	13	3	16	11174	M7	3	1.00
18413-2408	14	1	1	V2036 SGR		3	1.00
18575-0139	13	2	4	TMSS 00404		3	1.00
19008+4708	13	1	1	WZ LYR		2	1.00
19065-4436	14	1	16	11767		3	1.00
19430+0739	15	4	1	V421 AQL		3	1.00
19454-3616	14					3	1.00
19595+3039	15					2	1.00
20037+2527	15	5	2	DO 18551		3	0.97
20194+3803	14	2	4	TMSS +40407		3	1.00
20285+3641	15	3	23	VDB.66N 133		3	1.00
20296+4028	16	4	4	TMSS +40427		3	1.00
20392-0548	15	4	16	13233	M7	2	1.00
20481+3718	15	2	4	TMSS +40454		3	1.00
21166+4945	15					3	1.00
21188+2408	14	1	1	BH VUL		3	1.00
21207-3905	14					3	1.00
21211+2302	14	2	4	TMSS +20508		3	1.00
22395+4217	15	4	2	DO 41783		3	1.00
22510+3614	13	3	16	14347		2	1.00
22562+6310	15					3	1.00

AUTOCLASS CLASS = λ19

Name	Cl	Nid	Cat	Source	Type	In	Prob
00187+5040	14	4	2	DO 23164		3	1.00
02167+5926	50	3	16	00787	M2	3	1.00
09406-7239	14	1	16	04591		3	1.00
09548-3543	01					3	1.00

AUTOCLASS CLASS = λ20

Name	Cl	Nid	Cat	Source	Type	In	Prob
00222+6952	14	4	2	DO 23258		4	1.00
01234+5454	14	3	4	TMSS +50035		4	1.00
02152+2822	43					15	1.00
02293+5748	42	1	3	RAFGL 341		18	1.00
02587+2136	14	3	4	TMSS +20052		6	1.00
03096+5839	14					3	1.00
03301+5658	43					3	1.00
03448+4432	42	1	3	RAFGL 5102		14	1.00
04280+2722	14	3	4	TMSS +30087		8	1.00
04340+4623	42					6	1.00
04530+4427	42					9	1.00
05405+3240	42	2	3	RAFGL 809		33	1.00
06012+0726	22	1	3	RAFGL 865		31	1.00
06181+0406	23					5	1.00
06192+4657	42					6	1.00
06505-0450	14					4	1.00
07036-2220	14					4	1.00
07091-2902	14	3	13	173150	M5	7	0.94
07146-1614	14					4	1.00
08074-3615	22					13	1.00
08086-3905	42					5	1.00
08276-5125	13					3	1.00
08534-5055	42					10	1.00
08535-4724	42	1	23	MRSL 267-01/1		9	1.00
08544-4431	21					21	1.00
09006-5310	22					4	1.00
09164-5349	43	1	17	1427		7	1.00
09317-5116	13					5	1.00
09452+1330	43	4	11	PK 221+45.1		4730	1.00
09496-5050	42					4	1.00
10098-5742	42					5	1.00
10199-5801	43					7	1.00
10239-5818	15	1	7	HEN 416		6	0.96
10350-5710	14					3	1.00
10368-6010	14					4	0.97
10375-4802	43					5	0.92
10552-6107	22					11	1.00
11079-6211	44					4	0.92

AUTOCLASS CLASS = λ20 (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
11514-5841	41					7	1.00
12142-6410	15					4	1.00
12195-6830	42					5	1.00
12421-6217	42					9	1.00
12464-6433	43					4	0.99
12466-7024	15					5	1.00
12550-7407	13					3	1.00
12562-6003	43					7	1.00
12575-7041	13	1	1	RZ MUS		4	1.00
12595-6035	14					3	1.00
13045-6404	13					7	1.00
13053-6341	14					8	1.00
13268-6226	31					9	1.00
13359-6014	43					4	0.98
14010-6920	14					5	0.99
14232-6106	43					5	1.00
14284-5245	42					4	1.00
14358-6303	14					5	1.00
14404-6320	42					6	0.99
14443-5708	42					7	1.00
15084-5702	42					11	1.00
15307-5649	14					5	0.96
15469-5311	14					7	1.00
15576-5331	42					5	1.00
16052-2339	31	2	13	184147	M3	7	1.00
16079-4812	42					19	1.00
16192-4900	42					10	1.00
16258-4642	14					3	1.00
16279-4709	42	1	39	SG 336.8+00.6		7	1.00
16296-4417	42					5	1.00
16362-2145	14	3	4	TMSS -20321		5	1.00
16383-4401	42					7	0.94
16406-1406	14					4	1.00
16538-4652	14					3	1.00
17050-4642	42					5	1.00
17209-3318	43					8	1.00
17217-3916	42					14	1.00
17297+1747	14	5	16	09118	M2	58	1.00
17371-3021	42					11	1.00
17375-3652	14	1	23	OCL 1014		24	1.00
17445-3128	42					4	0.89
						(λ21	0.11)
18060-1755	32					16	1.00
18092-0437	41	1	3	RAFGL 2088		15	1.00
18100-1420	43					10	1.00
18162-0246	31	1	3	RAFGL 5466		8	0.94
18163-1426	14					5	0.96
18234-2206	45	2	3	RAFGL 2151		10	1.00
18240+2326	42	1	3	RAFGL 2155		73	1.00

AUTOCLASS CLASS = λ20 (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
18269-1257	43					10	1.00
18320-0352	42	1	3	RAFGL 7012S		9	1.00
18367-0452	42					11	1.00
18400-0704	42					6	1.00
18464-0656	21	1	3	RAFGL 2256		9	1.00
18551+0323	42	1	3	RAFGL 2287		19	1.00
18551+1345	14					9	1.00
19029+0808	42	1	3	RAFGL 2316		11	1.00
19147+1349	22					3	1.00
19358+0917	42					5	1.00
19384+4346	14	4	1	V462 CYG		5	1.00
19455+2319	44					5	1.00
19558+3333	31					7	1.00
19594+4047	42	1	3	RAFGL 2494		48	1.00
20014+2830	13					4	1.00
20082+3228	42					8	1.00
20145+3656	15	1	11	PK 74+ 1.1		4	1.00
20171+3519	42					7	1.00
20253+3814	31					7	1.00
20310+4029	14	3	7	MWC 349		22	1.00
20391+4023	43					5	1.00
20461+4817	42	1	2	DO 38853		4	1.00
20503+2658	14	3	1	UW VUL		5	1.00
20532+5554	42					9	1.00
21027+5309	44	1	3	RAFGL 2699		10	1.00
21086+5238	14	4	23	LDN 1022		9	1.00
21147+5110	42					9	1.00
21223+5114	42					10	1.00
21324+5537	42	2	2	DO 39779		5	1.00
21345+5410	31	1	23	LDN 1081		5	1.00
21377+5042	15					14	1.00
21414+7609	14	4	1	AM CEP		7	0.89
						(λ34	0.11)
21489+5301	42					11	1.00
23516+6430	14					5	1.00
23592+6228	14					4	1.00

AUTOCLASS CLASS = λ21

Name	Cl	Nid	Cat	Source	Type	In	Prob
01168+6515	14					3	1.00
02272+3758	23	3	2	DO 9325		3	1.00
02566+2938	14	2	4	TMSS +30055		4	1.00
03388-1054	14	4	1	VY ERI		3	0.98
05295+6501	15	2	4	TMSS +70063		4	1.00
05345-4406	25	1	3	RAFGL 4431S		3	1.00

AUTOCLASS CLASS = $\lambda 21$ (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
06086+1113	15	3	4	TMSS +10109		4	0.99
06428+0805	23	4	4	TMSS +10137		4	1.00
06597+1734	14	3	1	GG GEM		3	0.93
07186-1017	15	3	23	OCL 0571		5	1.00
07598-1252	14	3	1	DX PUP		3	1.00
08066+1448	23	1	1	ST CNC		3	1.00
08312-4103	14					3	1.00
09134-1528	15	4	16	04433	M7	3	0.98
09149-3131	14	2	4	TMSS -30148		3	0.99
09457-4624	23	2	40		M7 III	4	0.98
10138-5404	13					2	1.00
10522-7223	14					3	1.00
12046-6509	14					3	1.00
12344-6332	12					2	1.00
12355-6103	26					3	1.00
12432-6133	16	1	16	05930	M6	4	0.99
12498-5235	23					4	1.00
13366-6222	25					4	0.95
13559-6010	26					4	0.99
13573+2801	22	3	1	WY BOO		3	0.99
14150-6208	24					4	1.00
14272-7034	23	2	1	RW APS		3	1.00
14336-6040	15					3	0.98
14373-5922	14					3	1.00
14484-5730	14					3	1.00
14542-5858	24					4	1.00
15044-5822	14					5	0.98
15154-3902	13					3	1.00
15333-7230	14	1	16	07151		4	0.99
15369-3505	14					4	1.00
15449-4516	25					3	1.00
15517-1043	14	2	4	TMSS -10326		3	0.98
16038-2230	25	1	1	GL SCO		4	1.00
16041-5318	22					3	1.00
16052-3858	23	3	15	5999	A7IVe	4	0.98
16078-5315	25					4	0.99
16157-5917	13	1	1	DV NOR		3	1.00
16314-5111	24					3	1.00
16555-4545	14					3	0.93
17102-3959	23					3	1.00
17160-5934	14					3	1.00
17167-3241	13					4	1.00
17168-2856	24					3	1.00
17179-4638	01					3	1.00
17213-2219	23	1	24	-20359		4	0.97
17291-3401	14	1	17	2452		3	1.00
17304-3849	13					3	1.00
17326-3424	14					2	0.95
17361-3804	25					3	1.00

AUTOCLASS CLASS = λ21 (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
17363-5213	23	1	16	09398		4	1.00
17403-3716	25					4	1.00
17428-3155	25					3	1.00
17435-3056	26					4	0.99
17479-3401	13					4	1.00
17509-2819	23	4	16	09818	M8	4	1.00
17511-3246	15					3	1.00
17591-1929	13					3	1.00
18016-2603	14	3	4	TMSS -30348		5	1.00
18026-2514	14	3	4	TMSS -30354		4	1.00
18039-0455	14	3	4	TMSS 00337		4	1.00
18061-1743	24					3	1.00
18085-1832	24					4	1.00
18104-1029	14	2	4	TMSS -10406		3	1.00
18135-3907	14	1	1	V537 CRA		3	1.00
18195-2042	23					3	1.00
18307-2511	25	1	1	IS SGR		3	0.99
18377-0316	13					3	1.00
18397-0254	14					3	1.00
18418+0204	26					4	0.97
18458+2444	24	3	2	DO 17045		3	1.00
18471-0942	13	3	1	GZ SCT		3	1.00
18477+0243	14					2	1.00
18506-0037	24					2	1.00
18528+1037	24					3	1.00
19055+0751	24					4	1.00
19106-1812	14	2	4	TMSS -20545		3	1.00
19111+1404	25					4	1.00
19142+2915	15	3	1	OV LYR		3	0.95
19147+5004	14	3	1	TZ CYG		3	1.00
19162-3731	25					3	1.00
19225-0031	25					3	1.00
19236+2003	14	1	23	OCL 0113		3	0.91
19246+1637	13					3	1.00
19274+1800	42					3	1.00
19297+1815	14					4	1.00
19419+1436	14	4	1	V462 AQL		2	1.00
19584-1511	14	2	4	TMSS -20579		3	1.00
20019+4434	24	3	4	TMSS +40378		3	1.00
20231+2350	14	5	1	IK VUL		4	1.00
20280+2904	13	1	1	KZ VUL		3	1.00
20379+1917	23	3	2	DO 19238		3	1.00
20511-0149	13	3	1	TV AQR		3	1.00
21210+2316	14	4	1	BM PEG		3	1.00
21218+5218	15	2	4	TMSS +50376		3	1.00
21475+5211	43	3	4	TMSS +50401		4	1.00
21522+6018	14					3	1.00
22023-5614	24	1	16	14016		3	0.81
						(λ12	0.15)

AUTOCLASS CLASS = λ21 (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
22348+5221	14	2	4	TMSS +50438		3	0.98
22489+6130	23	3	4	TMSS +60372		3	1.00
23025+5818	24	3	4	TMSS +60384		3	1.00
23037+3603	13	2	4	TMSS +40529		2	1.00

AUTOCLASS CLASS = λ22

Name	Cl	Nid	Cat	Source	Type	In	Prob
05597-2106	15	4	16	02795		3	1.00
09476-5722	14					2	1.00
15185-2830	14	2	1	EF LIB		3	1.00
19293+2002	50					3	1.00
19451+3045	13					3	1.00

AUTOCLASS CLASS = λ24

Name	Cl	Nid	Cat	Source	Type	In	Prob
00068-8628	14	1	1	RU OCT		3	1.00
00176+6931	14					4	1.00
01599+6839	15					4	1.00
03040-8013	15	1	16	01045		5	1.00
03439+5925	14	3	16	01292	M8	4	1.00
04305+4709	14	4	16	01646	M9	3	1.00
04372+3011	13					3	1.00
04410+2040	14	3	4	TMSS +20089		4	1.00
05106+4520	15					4	1.00
05472-3220	14	2	4	TMSS -30050		4	1.00
05533+3022	22					3	0.99
05580+2224	15					3	1.00
06005+1344	14	3	1	DT ORI		4	1.00
06081+0346	15	4	4	TMSS 00099		4	1.00
06242+2830	14					3	0.94
06331+1415	42	5	19	156		5	0.99
06534+4739	14	3	4	TMSS +50173		4	1.00
07041-6309	14					3	1.00
07042-2432	14	4	16	03391	M5	4	1.00
07073-1944	23					4	1.00
07434-1847	14					4	1.00
07461-3705	14					3	1.00
08043-3709	13					3	1.00
08349-5945	21	1	1	KK CAR		20	0.92
08384-0031	14	2	4	TMSS 00177		4	0.99
09018-4218	14					5	1.00

AUTOCLASS CLASS = $\lambda 24$ (continued)

Name	Cl	Nid	Cat	Source		Type	In	Prob
09178-5556	14						3	1.00
09188-6832	15	2	1	RW	CAR	ME	3	1.00
09238-5309	15						5	1.00
09519-6007	14						3	1.00
09587-5056	43						5	0.99
10121-5836	15	2	1	Z	CAR	Md	4	1.00
10231-5823	43	1	7	-582175			4	0.75
							($\alpha 4$	0.17)
10255-5559	14						3	1.00
10380-5247	13						3	0.97
10436-3459	42	3	19	414			5	1.00
10501-6213	15	1	1	BX	CAR		4	1.00
10511-5251	14						5	0.86
							($\lambda 27$	0.14)
11316-6028	14						3	0.98
11354-6454	14						3	1.00
12196-5242	15						4	1.00
12536-6819	15						4	0.94
13011-5604	15	1	1	AF	CEN		4	1.00
13188-6352	13						4	1.00
13464-4611	14	1	16	06453		ME	3	1.00
13553-5256	15						3	0.93
13562-1342	14	1	4	TMSS	-10296		3	0.95
13571-6917	14						4	1.00
14372-6106	15	2	19	485			4	0.93
15082-5600	14						4	1.00
15202-5539	43						5	0.84
							($\alpha 4$	0.16)
15229-6141	15						4	1.00
15330-4706	13						3	1.00
15501-5948	14	1	1	AL	NOR		3	1.00
15519-4949	15						4	1.00
15574-4542	15	1	1	BD	NOR		3	0.99
16052+4850	13	1	4	TMSS	+50249		3	1.00
16103+2501	13	3	1	VV	HER		4	0.98
16351-5245	15						3	1.00
16388-3952	14						4	1.00
17072+1844	43	3	1	BG	HER		4	1.00
17120-0043	14	3	4	TMSS	00297		4	1.00
17179-5122	31						5	1.00
17197-3901	14	1	7	323154			4	1.00
17199-3512	32						15	1.00
17220-4425	15	1	1	LO	SCO		4	0.96
17244-3827	14						4	0.98
17323-0556	13						3	1.00
17336-4530	14						5	1.00
17344-1619	14	3	4	TMSS	-20372		3	1.00

AUTOCLASS CLASS = λ24 (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
17403+6234	15	5	2	DO 35875		5	0.53
						(λ28	0.29)
						(λ30	0.18)
17421-0130	14	3	4	TMSS 00318		4	0.96
17437+5438	14					3	1.00
17441-7039	15					3	1.00
17445-4414	14	1	1	QX SCO		5	0.96
17478-2957	14	1	1	V762 SGR		4	1.00
17496-2931	14	2	1	V1714 SGR		3	1.00
18030-1707	43	1	23	MRSL 012+02/1		5	0.98
18170-1259	15					7	1.00
18244-7559	13	1	1	VV OCT		4	1.00
18251-1647	15	4	1	AK SGR		4	1.00
18264+4916	15	5	1	AL DRA		3	1.00
18320-1918	14	2	1	V1692 SGR		5	1.00
18369-1034	42					6	1.00
18454-1226	15	2	4	TMSS -10463		4	0.65
						(λ27	0.26)
18561+1642	15	3	1	EU AQL		3	1.00
18589+0815	13	3	4	TMSS +10395		3	1.00
19002+0822	15	4	4	TMSS +10399		4	1.00
19027-1246	15	4	1	AE SGR		4	1.00
19061-1226	14	3	1	AH SGR		3	1.00
19078+2759	14	1	1	TY LYR		3	1.00
19097+3231	14	6	1	OU LYR		3	1.00
19123+0409	14	4	1	XY AQL		3	1.00
19137+2253	15	3	4	TMSS +20392		4	0.95
19240+2322	14					3	0.96
19248+1811	15					4	1.00
19352+2000	15					3	0.99
19376+2622	14					3	1.00
19388+2855	14	3	1	HY CYG		3	1.00
19391+3636	14	3	1	V942 CYG		4	1.00
19523+2414	43					4	0.99
19564-0801	14	4	1	RS AQL		6	0.99
20053+2958	14					3	1.00
20121+0437	15	3	1	WZ AQL		4	0.95
20142+8001	15	5	1	BD CEP		3	1.00
20159+3134	43					5	1.00
20180+3647	15					3	1.00
20185+3848	15	1	23	MRSL 076+01/2		3	1.00
20200+3624	44					6	1.00
20212+5151	13	5	1	V365 CYG		4	1.00
20477+5020	14	3	1	V750 CYG		3	1.00
21019+2218	14	1	4	TMSS +20502		3	1.00
21177+5035	15	3	4	TMSS +50372		4	1.00
21405-5257	14	2	1	Y IND	ME	3	0.97
21418+4524	43	3	2	DO 40011		3	1.00
21570+6329	14					3	1.00

AUTOCLASS CLASS = λ24 (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
22039+5328	15					5	1.00
22039+6215	31	5	1	TT CEP		3	1.00
22138+4207	14					3	0.85
						(λ11	0.15)
23575+2536	15	4	1	Z PEG		8	0.96

AUTOCLASS CLASS = λ25

Name	Cl	Nid	Cat	Source	Type	In	Prob
00135+4644	16	4	19	5		4	1.00
00278+8219	16	2	1	AD CEP		6	1.00
00297+2545	15	5	1	TU AND		4	1.00
00541+4825	16	4	1	KS CAS		7	1.00
01010+7434	23	3	13	4315		9	1.00
01030-3157	15	3	4	TMSS -30013		8	1.00
01261-4334	16	3	13	215516	K4/5 III	13	1.00
01562+5434	15	5	1	U PER		9	1.00
02039-5722	15	2	1	Y ERI	ME	6	1.00
02110-7143	21	2	16	00756	M5/7 (III)	7	1.00
02143+4404	22	6	19	36		28	1.00
02339+3402	16	4	1	R TRI		11	1.00
02351+5630	16					5	1.00
02380+3059	17	4	1	Y ARI		6	1.00
02497-0828	21	5	1	RR ERI		10	1.00
02532+5426	16	4	1	ER PER		10	1.00
03082+1436	21	4	1	U ARI		12	1.00
03272+3929	16	4	1	RU PER		5	1.00
03364-5533	16	3	16	01214	M6/7 III	11	1.00
03377+5120	42	5	17	155	LN	10	1.00
03415+8010	17	4	1	SS CEP		25	1.00
03463-0710	17	6	1	BR ERI		9	1.00
03488+3943	42	3	4	TMSS +40070		25	1.00
04111-1030	16	4	1	BM ERI		7	1.00
04250+1555	17	3	1	W TAU		8	1.00
04320+2938	16	3	4	TMSS +30089		6	1.00
04330-6307	15	3	1	R RET	Md	6	1.00
04353-7813	16	2	16	01675	M6/7 (III)	4	1.00
04449+4951	16					8	1.00
04459+6804	42	5	17	240	N5,C6	17	1.00
04483+2826	22	6	17	254	N3	8	1.00
04491+3825	16	6	17	257	N	5	0.99
04595+5033	42	6	17	277	N	7	1.00
05054+6836	16	5	1	UX CAM		5	1.00
05069-3434	16	2	13	195594	MC	19	0.99
05090-1154	22	4	1	RX LEP		58	1.00
05149+3511	43	2	17	311	R	8	0.95

AUTOCLASS CLASS = λ25 (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
05174-3345	16	3	1	T COL		6	1.00
05255+3900	16	5	1	AD AUR		5	1.00
05292+0734	16	5	1	BK ORI		5	1.00
05390-0409	17	4	1	Y ORI		5	1.00
05490+6300	15	4	1	TZ CAM		5	1.00
05508+3930	16	4	2	DO 11680		7	1.00
05540+2250	16	5	1	BQ ORI		8	1.00
05561-5925	17	1	40		M4/5 III	6	1.00
06202-0210	16	6	1	V MON		14	1.00
06210+4918	21	6	15	2289	K5-M0Iab-Ib	9	1.00
06397-5223	16					11	1.00
06439+3019	17	4	1	X GEM		7	1.00
06492+0449	17	6	1	SX MON		9	1.00
06498-5430	15					5	1.00
06520-2407	17	6	15	2580	K2Iab	11	1.00
06528-4218	42	4	17	623	N,C7,	8	1.00
06531-0216	42	2	17	618		10	1.00
06571+5524	16	6	19	197		5	0.99
07035-2501	22	4	16	03384	M5	5	1.00
07057-1150	42	5	17	676	N,R8	8	1.00
07059-5818	17	3	1	AC CAR	M7III	5	1.00
07217-1246	42					16	0.52
						(λ30	0.43)
07250+4104	17	6	1	VX AUR		7	1.00
07262-6145	16	1	1	KS CAR		4	1.00
07399-1045	18	5	19	256		5	1.00
07400-6412	17	1	40		M6 (II)	4	0.97
07487-0229	42	4	17	918		9	1.00
07559-5859	22	4	15	3126	M0III	16	1.00
08099-3537	16	2	16	03941-	M5	5	1.00
08107-3459	22	1	1	Y PUP		8	1.00
08117+2453	16	4	1	RX CNC		7	1.00
08272-0609	16	5	1	RT HYA		21	1.00
08277-3023	17	2	4	TMSS -30127		9	1.00
08439+7908	16	4	1	RS CAM		4	1.00
08445-2932	17	2	13	176458	R8	4	0.99
08461-2827	17	2	13	176496	M0	10	1.00
09076+3110	22	7	19	351	M6III	66	1.00
09161-3248	16	3	16	04447	M6	7	1.00
09582-5958	42	3	17	1604	N3	6	1.00
10091-7049	22	2	17	1633	N,MB	8	1.00
10131+3049	04	4	17	1641		653	1.00
10280-8405	16	3	1	X OCT	M5/6E	7	1.00
11010-0256	16	6	1	SX LEO		7	1.00
11164-5754	17	2	13	238956	M6III	13	1.00
11213-1938	16	4	1	T CRT		6	1.00
11501-0719	16	5	1	S CRT		10	1.00
11525-5858	15	2	1	W CEN	M5E	5	0.99
11538+5808	16	4	1	Z UMA		13	1.00

AUTOCLASS CLASS = λ25 (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
12104-4955	23	1	1	V368 CEN		8	1.00
12105-5114	16					4	1.00
12118-5115	16	2	17	1978	R,NB	5	0.99
12427+4542	42	8	17	2030	N3,R,	54	1.00
13062-5958	31	2	1	WW CEN	Mb	6	1.00
13130-8536	22	3	16	06158	M5/6 III	4	1.00
13136-4426	43	3	19	463		10	0.98
13173-7410	42	3	17	2078	NP	5	0.99
13182-8357	16	2	1	U OCT	Md	4	1.00
13462-2807	02	4	1	W HYA		963	0.98
13477-6009	17	3	19	473	M5/7 (III)	12	1.00
13492-0325	16	6	1	AY VIR		9	1.00
13548-3049	22	3	1	TW CEN		8	1.00
13549-5606	42	4	17	2134	NA	7	1.00
14259-3841	16	1	16	06676		6	1.00
14277+3904	16	5	1	V BOO		8	1.00
14310-6044	17	2	13	252800	M6III	10	1.00
14550-1214	22	3	13	158929	MB	14	1.00
15094-6953	42	6	17	2219	N,C5,	34	1.00
15150-4912	16					5	1.00
15303-2700	22	3	1	SV LIB		6	1.00
15341+1515	22	5	1	194 SER		37	1.00
15402-3700	16	3	1	FQ LUP		11	1.00
15465+2818	15	6	15	5880	G0Iep	7	1.00
16018-3415	15	1	1	RR LUP		5	1.00
16030-2135	16	3	1	Z SCO		8	1.00
16060-0124	16	5	1	DX SER		6	1.00
16146-4619	17	1	13	226636	MB	9	1.00
16208-2215	17	3	13	184359	M3	8	1.00
16249-5725	16	1	13	243856	MB	6	1.00
16269+4159	16	7	15	6146	M6III	81	1.00
16325+6651	16	5	1	R DRA		5	1.00
16342+6034	16	5	1	TX DRA		6	1.00
16365+1409	16	2	1	AS HER		5	1.00
16432+1213	15	4	1	UV HER		7	1.00
16473+5753	22	5	1	AH DRA		11	1.00
17048-1601	16	4	1	R OPH		13	1.00
17050-4621	16					9	1.00
17086+2739	15	4	1	CX HER		6	1.00
17086+4045	17	4	2	DO 15828		9	1.00
17126+3625	16	5	1	UW HER		6	1.00
17237-3102	23	4	16	08650-	M2	10	1.00
17282-5102	17	1	13	244821	+++	10	1.00
17450-0337	17	5	2	DO 4412		6	1.00
17462-8647	22	2	1	S OCT	M4/6 E	5	1.00
17473+4542	16	4	1	V337 HER		6	1.00
17504-0234	16	6	1	V533 OPH		13	1.00
18045+6239	16	3	4	TMSS +60256		5	0.82
						(λ30	0.18)

AUTOCLASS CLASS = λ25 (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
18126+1532	16	4	2	DO 16595		8	1.00
18335+0738	15	4	1	BK OPH		4	1.00
18375+0955	17	4	2	DO 4985		8	1.00
18396-4549	16	2	1	RW TEL		7	1.00
18410+3654	42	6	17	2651	N4,C6	6	1.00
18470+0832	16	5	1	V477 AQL		4	1.00
18537-1035	17	4	1	RW SCT		12	1.00
18586-1249	21	5	19	586		10	0.99
19132-3336	16	4	15	7296	G0Ipe	14	1.00
19137-1923	16	5	1	R SGR		5	1.00
19309-6252	16	3	1	Z PAV	M7III	12	1.00
19311+2332	16	6	19	609		8	1.00
19355-5258	16	1	40		M5/7	5	1.00
19416+3422	22	4	17	2783		10	1.00
19437+0134	16	4	4	TMSS 00451		6	1.00
19498-7140	16	3	16	12495	M5/6 III	6	1.00
19585+5200	21	5	2	DO 37970		10	1.00
20026+3640	31	6	19	633		10	1.00
20118-0009	17	4	4	TMSS 00470		6	1.00
20124+6605	17	4	2	DO 38210		8	1.00
20144-3916	16	2	1	RT SGR		7	1.00
20198+4017	21	5	1	V405 CYG		8	1.00
20268+1606	17	6	1	RS DEL		9	1.00
20270+0943	23	5	1	CT DEL		6	1.00
20340+5338	42	1	3	RAFGL 2613		13	0.54
						(α0	0.46)
20417+3759	16	3	1	DR CYG		5	1.00
20466+2248	16	4	1	FI VUL		14	1.00
20467-0044	21	6	2	DO 7006		12	1.00
20526-5431	22	2	1	S IND	Md	13	1.00
21087+4726	16	4	13	50535	MB	4	0.92
21142+5349	16	5	1	V702 CYG		5	0.53
						(λ27	0.47)
21167+5502	15	4	2	DO 39414		5	0.99
21197-6956	22	6	17	3018	NA,C7	12	1.00
21341+4508	16	5	15	8262	M5IIIae	63	1.00
22036+6250	17	5	2	DO 40716		5	1.00
22122+5745	21	5	2	DO 40997		7	1.00
22216+3100	17	4	2	DO 21445		7	1.00
22268+4003	16	5	1	S LAC		5	1.00
22326-6522	16	1	16	14229		5	0.61
						(λ7	0.39)
22406+2753	22	4	1	BD PEG		6	1.00
22422-5228	16					5	1.00
22476+4047	16	5	1	RX LAC		19	1.00
23095+5925	16	6	1	V CAS		14	1.00
23134-7031	16	3	16	14475	M7III	19	1.00
23142+1019	17	5	1	EO PEG		9	1.00
23173+4823	15	4	1	BE AND		7	1.00

AUTOCLASS CLASS = λ26

Name	Cl	Nid	Cat	Source	Type	In	Prob
07429+0519	14	5	1	UX CMI		3	1.00
10058-4015	14					2	1.00
13314-7918	01	1	16	06312		3	1.00
20120+4427	13	3	23	MRSL 081+05/2		2	1.00
20577+3339	16	2	1	V831 CYG		3	1.00

AUTOCLASS CLASS = λ27

Name	Cl	Nid	Cat	Source	Type	In	Prob
00300+5052	15	4	2	DO 23463		3	0.61
						(λ21	0.39)
00347+8004	14	1	1	Y CEP		3	0.98
00371+1355	15	3	1	TW PSC		3	1.00
00381-8018	23	1	1	X HYI		3	1.00
00498+4708	23	4	1	RV CAS		5	1.00
01149+0840	23	4	1	S PSC		5	1.00
01280+0237	22	5	1	R PSC		5	1.00
01286+6204	15	4	1	IM CAS		3	1.00
02068+5619	16	3	1	KK PER		4	1.00
02086+6355	15	4	16	00741	M6	6	0.83
						(β8	0.14)
02169+5645	44	5	1	AD PER		4	1.00
03014+3540	16	1	24	40053		4	0.99
03156+5113	15	3	1	HT PER		4	0.99
03370+6140	15	3	4	TMSS +60123		4	1.00
03433+5231	16	3	1	UU PER		4	0.86
						(λ7	0.14)
03461+6727	15	4	16	01348	M8	4	1.00
03513+4827	15	1	1	FI PER		4	1.00
04014+0224	16	3	4	TMSS 00052		4	1.00
04430-2356	16	2	16	01710	M8	3	1.00
05208-0436	43	4	1	V535 ORI		4	1.00
06169-1235	15	3	4	TMSS -10117		3	0.99
06387+2800	13	1	4	TMSS +30162		3	1.00
07149+0111	16	6	19	217		5	1.00
07282+2038	16	4	2	DO 13079		4	0.60
						(λ28	0.35)
07393-0403	16	4	4	TMSS 00161		5	1.00
07455-3737	15					4	1.00
07545-4400	22	2	19	278		4	1.00
08066-1719	16					5	1.00
09468-5918	24	2	1	SV CAR		4	1.00
09497-6851	15	1	16	04659		3	0.85
						(λ28	0.15)
09569-6339	14	1	1	RV CAR		4	0.99
10282-5231	24	3	13	238126	G3 III/IV	4	1.00

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AUTOCLASS CLASS = λ27 (continued)

Name	Cl	Nid	Cat	Source		Type	In	Prob
10326-4441	15						4	1.00
12016+1903	24	4	1	R	COM		4	1.00
12177-0843	16	4	1	CH	VIR		5	1.00
12519-6838	15	3	16	06021		M2 IAB	3	1.00
13010-5319	15						4	1.00
13477-5518	15	1	1	CM	CEN		3	0.99
13484-3641	15	1	1	RX	CEN		3	1.00
14231-4355	15	1	1	RW	LUP		4	1.00
14318-6107	16	1	17	2172			5	1.00
14320-6020	24						4	0.97
14384-5127	14	1	1	SY	LUP		3	1.00
14474-5433	24						4	1.00
15075-4015	22						6	1.00
15336-3736	15	2	1	SW	LUP		4	1.00
15403-4714	23						5	1.00
15423-6534	23	1	40			M5 (IB)	5	0.93
15592-5437	14	1	16	07391		M8	3	0.99
16103-3212	22	1	4	TMSS	-30257		4	1.00
16131-0216	24	4	2	DO	4001		3	1.00
16200-7122	15						3	1.00
16215-5148	15	3	17	2328		NB	3	0.99
16524+4901	14	2	1	AI	HER		3	0.99
16591-2931	14	2	4	TMSS	-30276		4	0.92
17043-3145	23	4	1	TU	SCO		6	1.00
17071-4853	23						4	1.00
17154-4145	24						3	1.00
17314-0156	15	4	2	DO	4308		5	1.00
17457-6223	24	2	1	W	PAV	Md	3	1.00
17538-2719	16	3	1	V1716	SGR		3	1.00
17540-2125	16						3	1.00
17599-4556	42						4	1.00
18093-2107	42	2	4	TMSS	-20445		4	1.00
18159+2123	15	4	1	YZ	HER		3	1.00
18313+0340	15	5	1	AG	SER		3	1.00
18454-2233	15	2	4	TMSS	-20521		3	1.00
18573+0120	15						5	0.93
19111-0535	15	2	4	TMSS	-10495		3	1.00
19150-3926	15						4	1.00
19167-2101	22	3	1	Z	SGR		6	0.83
							(λ25	0.17)
19200-0319	23	5	2	DO	5651		3	1.00
19414+2237	24	1	1	CN	VUL		4	0.94
19440-4118	22	1	40			M5/7	6	1.00
19457+1443	15	2	4	TMSS	+10440		3	1.00
19461+0334	16	6	1	WX	AQL		5	0.83
							(λ25	0.15)
19468-5008	23	2	1	W	TEL	M5E	3	1.00
20401+2550	14	1	13	89029		K5	2	1.00
20595+1848	23	3	13	106766		MB	4	1.00

AUTOCLASS CLASS = λ27 (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
21135+5200	22	1	39	DGVW140		4	1.00
22443+2504	14	4	1	EW PEG		3	1.00

AUTOCLASS CLASS = λ28

Name	Cl	Nid	Cat	Source	Type	In	Prob
00017+3949	16	5	1	SV AND		4	1.00
00094-2450	16	3	4	TMSS -20004		5	1.00
00362+5924	16	4	1	FZ CAS		5	1.00
00477-4900	15					5	1.00
01133+4129	15	2	1	EK AND		4	1.00
02179+6040	31	4	1	DE CAS		4	1.00
02181+5738	15	3	1	PR PER		3	1.00
02217+5712	15	4	16	00822	M2	4	0.99
02422-2925	16	4	1	ST FOR		6	1.00
02473+5152	15	3	4	TMSS +50075		3	1.00
03036+6017	15	5	16	01040	M1	4	1.00
03128+0129	16	4	2	DO 534		4	1.00
03195+7450	15	3	4	TMSS +70042		3	1.00
03201+5459	32					3	0.99
03478+6349	16	3	4	TMSS +60130		3	0.90
04044+4252	15	8	1	IY PER		4	0.99
04051+6834	15	4	16	01469	M8	4	1.00
05393-2048	15	3	4	TMSS -20076		5	1.00
05428+1215	44	2	17	395	N,C7,	4	0.99
06215-0015	01	3	4	TMSS 00105		3	1.00
06237+4617	16	4	2	DO 30413		5	1.00
07124-5138	14					3	1.00
07268-0410	14	4	1	RX MON		4	0.99
07497-3506	15	1	3	RAFGL 4642S		4	1.00
07583-3234	16	3	13	198682	M	4	1.00
08024-2744	15	1	4	TMSS -30117		3	1.00
08414-4537	15	1	13	220340	MA	5	1.00
09350-5314	14	1	7	HEN 298		3	0.97
10457+3633	15	2	16	04977		4	1.00
10489-2821	14	3	1	RS HYA	ME	3	1.00
10518-4905	16					4	1.00
10548-6902	14					3	0.64
						(λ21	0.36)
11000-6153	23	2	13	251227	F0 IB	4	1.00
11024-6241	50	2	13	251247	K5	4	1.00
11202-5305	22	3	7	98922		6	0.98
11246-6105	16	2	13	251408	M1/2 III	5	1.00
11555-7010	15					3	0.90
12352-6317	15					4	1.00
12430-4230	15					4	1.00

AUTOCLASS CLASS = λ28 (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
13099+5638	15	4	1	UW UMA		4	0.99
14172-3117	15	1	4	TMSS -30219		3	1.00
14303-5859	15					5	0.96
14349+2657	14	4	1	R BOO		4	1.00
14359-6507	16					5	1.00
14559-6228	13					3	1.00
15229-4118	15	1	16	07070		4	1.00
15497-2556	15	4	16	07304	M5	5	1.00
16031-5255	16	1	7	-529243		5	1.00
16200-7558	16					4	1.00
16551-0927	15	3	1	V1055 OPH		4	0.67
						(λ24	0.33)
16552-0241	16	4	1	SS OPH		3	1.00
16558-4445	15					4	1.00
17115+1803	16	2	4	TMSS +20315		4	0.94
17117-4016	15	2	7	327083		5	1.00
17151-4806	15					5	0.87
						(λ24	0.13)
17241-8627	15	1	1	Z OCT		3	1.00
17264-3348	15					5	0.99
17372-2440	16	4	1	V548 OPH		4	1.00
17387-6349	23	1	40		M5/6 (III)	5	0.99
17398-1727	14	3	4	TMSS -20380		4	1.00
17419-1838	16	5	17	2478	NB,C7	4	0.99
17435+1851	16	3	1	GQ HER		3	0.90
						(λ7	0.10)
17540-2356	17	4	13	185981	K5	5	1.00
17578-1700	22					7	1.00
17594-1910	43	4	17	2521	N0	6	1.00
18037-2750	16	3	4	TMSS -30356		4	1.00
18089-2952	15	3	1	AO SGR		4	1.00
18135-1740	41	3	4	TMSS -20455		24	1.00
18136-1859	32	1	3	RAFGL 2104		27	1.00
18241-1443	16	1	19	557		6	0.64
						(λ27	0.36)
18329+0625	15	5	1	V925 OPH		3	1.00
18330-3222	16	2	13	210362	MC	7	1.00
18347-0241	16	5	1	CZ SER		9	1.00
18367+0306	15	2	4	TMSS 00362		3	1.00
18375-1010	15					3	0.99
18389+7416	15	4	1	RS DRA		4	1.00
18401+1358	15	2	4	TMSS +10371		3	1.00
19026-2528	22	1	14	524-G? 6	S.	4	1.00
19035+0451	15					4	0.99
19045+0704	16	6	1	V844 AQL		11	1.00
19102+0548	16					4	1.00
19107+4113	15	1	1	RU LYR		3	1.00
19125+0343	14					6	1.00
19156-0935	80					4	0.99

AUTOCLASS CLASS = $\lambda28$ (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
19166-3148	15	3	1	SW SGR		4	1.00
19172+1706	22	4	1	W SGE		4	0.57
						($\lambda27$	0.42)
19267-1615	16	3	13	162672	M4	4	1.00
19308+0609	15	6	1	V621 AQL		5	1.00
19344+1921	15					3	1.00
19401+4205	15	3	4	TMSS +40359		3	0.79
						($\lambda27$	0.21)
19405-7851	14	2	1	RX OCT		4	1.00
19546-6225	15					5	0.85
						($\lambda20$	0.15)
20026+4018	15	5	1	GN CYG		6	0.97
20302+3517	15	5	1	V397 CYG		4	1.00
20342+3457	14	3	23	LDN 0870		3	1.00
20398-3802	14					3	1.00
20406+3831	17	4	1	V446 CYG		4	1.00
22354+5911	44	1	23	LDN 1198		4	1.00
22494+5204	15	4	1	CL LAC		3	0.99
23172+8244	15	3	1	AN CEP		5	1.00
23269+5056	17	5	16	14587	M8	4	1.00
23278+5908	16	3	13	35479	M2	4	1.00
23312+0601	16	4	16	14611	M7	3	1.00

AUTOCLASS CLASS = $\lambda29$

Name	Cl	Nid	Cat	Source	Type	In	Prob
07517-2517	01					2	1.00
10047-6502	13					2	1.00
10175-5053	14					2	1.00
10256-3258	12					2	1.00
14172-6627	14	1	1	VV CIR		2	1.00
17073-2544	13					2	1.00
17118-4958	14					3	1.00
17538-3239	13					2	1.00
18190-5114	12					3	0.99
19507+1617	15	3	2	DO 18277		3	1.00
20063+4145	15	2	4	TMSS +40386		3	1.00

AUTOCLASS CLASS = λ30

Name	Cl	Nid	Cat	Source		Type	In	Prob
00001+4826	21	2	19	741			8	1.00
00128-3219	15	5	1	S	SCL	M7/8IIIE	17	1.00
00192-2020	16	6	19	7		M5IIe	34	1.00
00205+5530	15	6	1	T	CAS		58	1.00
00247+6922	43	1	3	RAFGL	67		44	1.00
00445+3224	22	6	19	13			7	0.96
01142+6306	42						6	1.00
01150+5732	41	5	1	V465	CAS		14	0.59
							(λ25	0.41)
01452-8026	15	3	1	VZ	HYI	Mb	8	1.00
02000+0726	22	4	13	110296		M	15	1.00
02053+5133	15	5	2	DO	25328		8	1.00
02251+5102	15	4	1	RR	PER		9	1.00
02361+8055	14	2	1	RR	CEP		4	1.00
02455+1718	16	5	1	T	ARI		15	1.00
02464-5915	16	2	1	X	HOR	M6/8	11	1.00
03094+5530	22	5	1	GH	PER		8	1.00
03124+6434	15	4	2	DO	26859		5	1.00
03149+3244	15	3	4	TMSS	+30056		8	1.00
03186+7016	42	1	3	RAFGL	482		21	1.00
03238+6034	43	1	3	RAFGL	4277S		11	1.00
03293+6038	43						6	1.00
03318-1619	15	4	1	RT	ERI		19	1.00
03385+5927	42						7	1.00
03482-5213	22	2	16	01382		M5	9	1.00
03557+4404	43	1	3	RAFGL	5110		8	1.00
04123+3342	15	4	16	01528		M6	6	1.00
04179+5951	42	1	3	RAFGL	5118		9	1.00
04255+1003	21	4	1	R	TAU		13	1.00
04311-0004	14	4	1	BD	ERI		6	1.00
04328+2824	15	5	1	IU	TAU		9	1.00
04345-2740	15	4	1	UU	ERI		7	1.00
04355+0814	15	5	1	RX	TAU		13	1.00
05027-2158	15	4	1	T	LEP		23	1.00
05104+2055	42						11	1.00
05132+5331	15	5	15	1707		M7IIIe	49	1.00
05220-0611	14	4	1	EX	ORI		8	1.00
05223+4704	15						8	1.00
05231+5004	22	4	1	AC	AUR		5	1.00
05265-0443	15	7	1	S	ORI		28	1.00
05365-1404	15	4	1	RW	LEP		13	1.00
05368+2841	15	5	1	AW	AUR		5	1.00
05374+3153	43	5	19	110		M2III	8	0.99
05378+2804	15	5	1	AB	TAU		11	1.00
05384+3854	15	4	1	SZ	AUR		10	1.00
05388+3200	23	4	1	U	AUR		16	1.00
05411-8625	15	2	1	R	OCT	Md	15	1.00
05450-3142	14	4	1	S	COL		8	1.00
05588+1054	15	4	1	DP	ORI		8	1.00

AUTOCLASS CLASS = $\lambda 30$ (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
06157+3120	15					4	1.00
06261+1637	15	6	1	AQ GEM		8	1.00
06268+0849	42	2	3	RAFGL 5196		9	1.00
06291+4319	43	1	3	RAFGL 954		14	0.99
06333-0520	16	5	1	GL MON		15	1.00
06342+0328	43	1	3	RAFGL 971		36	1.00
06348+3114	42					5	0.93
06353-5549	14	1	1	AB CAR		7	1.00
06378-0527	43					7	1.00
06558-8239	15					7	1.00
06590-7555	15	1	1	S MEN		4	1.00
07080-0106	42					6	1.00
07144+4836	15	5	1	RS LYN		7	1.00
07150+3808	15	4	2	DO 12919		17	1.00
07161-0111	42					7	0.99
07229+3328	22	4	1	XX GEM		5	1.00
07286-6308	21					8	1.00
07299+0825	15	5	1	S CMI		18	1.00
07306-7316	16	2	1	S VOL	A2/3 V	6	0.99
07336-1006	15					7	1.00
07434-3750	22	5	15	3017	K2.5Ib-II	46	1.00
07454-7112	43					76	1.00
07538-3928	15					9	1.00
07576-4054	43					10	1.00
07582-1933	44	1	39	MC1 0758-195		11	1.00
08010-4109	41	2	13	219338	ApSi	10	0.90
						($\alpha 0$	0.10)
08063+6522	16	4	1	RZ UMA		10	1.00
08078-3801	15	1	1	AS PUP		18	1.00
08138+1152	15	6	15	3248	M7IIIe	44	1.00
08150-3117	21	2	4	TMSS -30121		5	1.00
08189-6904	15					4	1.00
08189+0507	21	5	1	FZ HYA		12	1.00
08191-3653	42					6	1.00
08212-3838	15					10	1.00
08236-0444	15	4	4	TMSS 00175		8	1.00
08346-1747	16	4	1	W PYX		5	1.00
08439-2734	42	2	17	1288		9	1.00
08495-0312	15	3	4	TMSS 00180		6	1.00
08555+1102	41	5	1	RT CNC		14	1.00
09057+1325	15	3	13	98383	MC	13	1.00
09069+2527	23	4	1	W CNC		11	1.00
09116-2439	42	1	3	RAFGL 5254		76	0.94
09175-5010	15	1	1	DM VEL		6	1.00
09176-5147	42					7	1.00
09185-4918	15	2	1	RW VEL	M7E	38	1.00
09220-4839	21	1	1	RS VEL		29	1.00
09252-2914	15	3	1	SX ANT		5	1.00
09309-6234	15	5	15	3816	M6-7IIIepv	79	1.00

AUTOCLASS CLASS = λ30 (continued)

Name	Cl	Nid	Cat	Source		Type	In	Prob
09331-1428	15	5	1	X	HYA		15	1.00
09411-5933	14						5	1.00
09459-6916	15	1	40			M7 III	7	0.98
09488-6350	15						5	1.00
09511-5356	15	1	1	Z	VEL		14	1.00
09513-5324	42						19	1.00
09529-5506	43	1	40			K4/5 (III)	13	1.00
09533-6021	42						5	1.00
09564-5837	15	4	1	RR	CAR	M6 II/III	27	1.00
10032+1820	15	4	16	04733			4	1.00
10133-5413	22	3	1	W	VEL		15	0.90
							(λ34	0.10)
10305+7001	22	2	4	TMSS +70095			6	1.00
10383-7741	15	2	16	04933		MC	9	1.00
10492-3416	16	2	13	201833		M6III	9	1.00
10562-6235	15						16	1.00
11022-5057	16						10	1.00
11145-6534	43						25	1.00
11463-6320	42						7	1.00
12074-5622	21	1	1	SS	CRU		5	1.00
12216-6218	42						7	1.00
12277+0441	15	6	1	BK	VIR		39	1.00
12380+5607	15	4	1	Y	UMA		34	1.00
12430-6151	42	2	39	AG G302.3+0.7			6	1.00
12540-6845	42						32	1.00
13150-4124	14	1	1	V497	CEN		10	1.00
13208-6027	42						7	1.00
13215-6424	15	1	1	U	MUS		7	1.00
13248-7851	15	1	16	06252			7	1.00
13269-2301	15	6	15	5080		M7IIIe	317	1.00
13303-0656	16	6	15	5101		M7IIIe	27	1.00
13343-5807	43						10	0.99
13368-4941	22	4	15	5134		M5III	33	0.90
							(β8	0.10)
13468+3947	15	6	15	5199		M6IIIe	23	1.00
13477-6532	04	2	40			F8/G0 IB/II	17	0.95
13509-6348	42						11	1.00
14128-6011	22						10	1.00
14145-6815	15						6	1.00
14162-6202	42						10	1.00
14162+6701	15	3	1	U	UMI		12	0.99
14280-2952	16	4	1	Y	CEN		30	1.00
14441-4906	15	1	16	06799		M5	9	1.00
14451-5647	22	1	40			K5	4	1.00
14484-6152	42						77	1.00
14580-3416	15	2	1	AP	CEN		5	0.85
							(λ25	0.15)
15023-6916	15	1	40			Mb	10	1.00
15082-4808	42	1	3	RAFGL 4211			104	1.00

AUTOCLASS CLASS = λ30 (continued)

Name	Cl	Nid	Cat	Source		Type	In	Prob
15194-5115	04						162	0.72
							(α0	0.20)
15214-2244	15	3	1	RS	LIB		24	1.00
15239-5733	16	2	1	R	CIR	M4/6 (III)	8	1.00
15261-5702	43						13	1.00
15298+0348	14	4	1	WW	SER		7	1.00
15314+7847	21	3	1	S	UMI		19	1.00
15380-6545	16	1	40			M6 III	13	1.00
15406-2140	15	3	16	07216		M8	5	1.00
15410-0133	21	5	1	BG	SER		18	1.00
15448+3828	15	3	1	Y	CRB		5	1.00
15492+4837	41	19	19	496			33	1.00
16085-8155	15						5	0.96
16118-4439	15	1	1	RU	NOR		5	1.00
16123-4654	44						8	1.00
16175-6120	15	1	1	RS	TRA		5	1.00
16241-3111	15	3	1	WW	SCO		6	1.00
16265-1914	15	3	1	Y	SCO		6	1.00
16298-5349	42						5	1.00
16306+7223	15	3	1	R	UMI		16	1.00
16308-1601	15	4	1	T	OPH		9	1.00
16316-5026	42	1	19	505			10	1.00
16334-3107	16	5	19	507			10	1.00
16367-2046	15	3	16	07884		ME	7	1.00
16379-3401	14						4	0.89
							(λ24	0.11)
16383-1952	14	3	4	TMSS	-20324		7	0.57
							(λ34	0.43)
16387-2700	15	4	1	AX	SCO		9	1.00
16534-3030	15	4	1	RR	SCO		30	1.00
17001-3651	22	2	19	514			26	1.00
17047-2848	42						6	1.00
17049-2440	42	1	3	RAFGL	1922		196	1.00
17079-3243	42	1	1	V463	SCO		26	1.00
17081+6422	15	5	1	TV	DRA		11	1.00
17105-3746	42						13	1.00
17123-2122	15	5	1	V1699	OPH		5	1.00
17123+1107	15	5	1	V438	OPH		12	1.00
17155-4917	43						4	0.97
17201-4613	15						13	1.00
17222-2328	42						8	1.00
17224-2648	15	4	39	MSH	17-209		5	1.00
17269-2625	41	4	16	08891		M8	11	1.00
17277-3304	16						10	1.00
17318-3606	15						9	1.00
17387-4343	16	1	1	RU	SCO		12	1.00
17505-7021	15	1	16	09813			10	1.00
17531-4947	15	1	1	W	ARA		5	1.00
17534+2603	23	5	15	6685		F2Ibe	13	1.00

AUTOCLASS CLASS = λ30 (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
17544-2951	41	3	1	V1717 SGR		12	1.00
18061+0516	15	5	1	AV OPH		5	0.72
						(λ28	0.28)
18064+4212	15	5	1	V529 HER		8	1.00
18076-0719	15	3	4	TMSS -10402		5	1.00
18119-2244	43	1	3	RAFGL 2096		15	1.00
18147-2215	41	2	23	LDN 0272		9	1.00
18194-2708	43	1	3	RAFGL 2135		75	1.00
18239-0655	43	1	3	RAFGL 2154		29	1.00
18246-3321	16	1	1	RV SGR		6	1.00
18247+0729	15	6	1	V585 OPH		6	1.00
18248-0839	43					25	1.00
18354-3338	14					6	1.00
18359+0847	15	7	15	7002	K1III+M6IIIe	58	1.00
18372+1147	15	5	1	V515 OPH		5	1.00
18378-3731	15	2	1	AM CRA		12	1.00
18398-0220	42	6	17	2642		89	1.00
18475+0926	42	1	3	RAFGL 2259		27	1.00
19007-2247	16	4	1	SU SGR		22	1.00
19008+0726	43	5	17	2694		61	1.00
19031+2702	15	3	4	TMSS +30355		9	1.00
19055+0613	15	6	1	V347 AQL		17	1.00
19099+6711	15	5	1	U DRA		5	1.00
19111+2555	41	3	19	594		9	1.00
19118+4653	14	4	1	SS LYR		6	1.00
19126-0708	22	6	19	597		112	1.00
19136+6727	15	3	4	TMSS +70152		5	1.00
19194+1734	15	5	1	T SGE		22	1.00
19285+4853	15	3	4	TMSS +50296		4	1.00
19287+4602	16	5	1	AF CYG		13	1.00
19289+1931	42					8	1.00
19321+2757	43	4	16	12165	C	46	1.00
19346+1209	43					6	1.00
19354+5005	22	6	19	616		17	1.00
19369+2823	15	4	1	BG CYG		10	1.00
19455+0920	43	1	3	RAFGL 4253		10	1.00
19457+2346	43					9	1.00
19510-5919	14	3	1	S PAV	M8III	62	1.00
19528-2919	23	4	1	RR SGR		18	1.00
19552+3142	42					5	1.00
20038-2722	15	4	1	V1943 SGR		67	1.00
20072+3116	43	2	3	RAFGL 2513		23	1.00
20079-0146	21	6	1	V584 AQL		10	1.00
20111-4708	15	1	1	R TEL		8	1.00
20120-4433	16	3	19	637		7	1.00
20125+0856	15	4	1	R DEL		6	1.00
20135+3055	21	5	1	SX CYG		6	0.91
20165-5051	16	2	1	Y TEL		12	1.00
20248-2825	15	4	1	T MIC		84	1.00

AUTOCLASS CLASS = $\lambda 30$ (continued)

Name	Cl	Nid	Cat	Source		Type	In	Prob
20255+4054	21	4	1	KZ	CYG		7	1.00
20305+6246	16	5	1	BF	CEP		6	1.00
20322-0737	15	4	16	13155		M6	5	1.00
20330+2823	15	4	1	SX	VUL		5	1.00
20331+4621	42	1	23	MRSL	084+03/1		9	1.00
20359-3806	21	2	16	13190			9	1.00
20416+1903	41	3	4	TMSS	+20479		8	1.00
20427-8243	15	1	16	13276			5	1.00
20435+3825	42						20	1.00
20438-0415	22	4	1	W	AQR		9	1.00
20511+2523	14	5	1	IN	VUL		6	1.00
20570+2714	42	1	3	RAFGL	2686		42	1.00
21003+4801	44	1	23	LDN	0962		17	1.00
21088+6817	15	6	15	8113		M7IIIe	135	1.00
21312+5405	15	3	16	13781			11	1.00
21373+4540	43						17	1.00
21426+1228	15	4	1	TU	PEG		9	1.00
21449+4950	42						10	1.00
21453-4708	15	2	1	R	GRU	M5E	5	1.00
21530+5114	15	4	1	BQ	CYG		5	1.00
22165+4331	42	1	3	RAFGL	2881		12	1.00
22184+6155	31	4	16	14126			5	1.00
22196-4612	42	7	19	702		S5	151	1.00
22230-4841	22	1	1	S	GRU		15	1.00
22241+6005	41	1	3	RAFGL	2901		26	0.98
22280+1250	15	4	1	GM	PEG		7	1.00
22315+2418	14	5	1	SS	PEG		11	1.00
22359-1417	15	4	1	AB	AQR		7	1.00
22489+6359	22	4	1	VX	CEP		8	0.97
23041+1016	22	5	1	R	PEG		25	1.00
23092+5236	16	5	1	SS	AND		8	1.00
23093+4843	15	4	1	ES	AND		6	1.00
23106+6340	15	8	1	CK	CEP		7	1.00
23201-1105	15	4	1	SV	AQR		10	1.00
23212+3927	14	4	1	BU	AND		14	1.00
23320+4316	42	4	16	14623		C	121	1.00
23439+5412	15	5	1	RT	CAS		6	1.00

AUTOCLASS CLASS = $\lambda 31$

Name	Cl	Nid	Cat	Source		Type	In	Prob
00075+5435	14	4	1	TT	CAS		3	0.97
01327+6503	16	2	23	LDN	1329		3	1.00
03096+5936	14						4	1.00
05412+0308	01						3	1.00
05500+6458	01	3	4	TMSS	+60160		4	1.00

AUTOCLASS CLASS = λ31 (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
06259-6031	15					3	1.00
07316+2851	15	4	2	DO 13143		3	1.00
07338-1946	15	3	4	TMSS -20135		3	1.00
08224-7659	13					3	1.00
09088-5050	32					3	1.00
10012-0919	16	4	15	3959	K0	4	0.99
10242-5639	15					4	1.00
11093-6244	14	2	7	WRA 770		2	0.97
11304-4948	16					3	1.00
12455+6703	15	5	15	4863	gK5	3	1.00
13420-8224	12	1	1	U CHA		3	1.00
14103-6539	13					3	1.00
14528-6005	48					3	1.00
16276-8605	16					2	1.00
16524-4659	15	1	16	08048		3	1.00
17261+1554	16	3	4	TMSS +20324		5	1.00
17327-3703	14					3	0.96
18083-4347	15	1	1	V509 CRA		3	0.99
18163-2251	15					3	1.00
18337+0123	01					3	1.00
18443-2024	14	3	1	NP SGR		3	1.00
18569+0518	33	6	1	V492 AQL		3	0.95
19023-0712	15	3	4	TMSS -10487		3	1.00
19057+0425	01					3	1.00
19290+2324	15	2	4	TMSS +20412		3	1.00
19381+2224	15	1	7	2+22 8		3	1.00
19530-2810	16	2	13	188727		6	1.00
19536+1529	17	3	16	12575	M8	5	1.00
21173+6321	47	5	2	DO 39430		3	1.00
21204-0719	01	4	1	RZ AQR		4	1.00
21390+4936	01	3	1	V410 CYG		3	1.00
21564+4537	01	2	1	MP CYG		3	1.00

AUTOCLASS CLASS = λ32

Name	Cl	Nid	Cat	Source	Type	In	Prob
03259+6713	16					3	1.00
04193+4959	16					3	1.00
06202+4743	16	2	17	497	NE,R	3	1.00
15383-5704	01					4	1.00

AUTOCLASS CLASS = $\lambda 33$

Name	Cl	Nid	Cat	Source	Type	In	Prob
01031+4935	25	2	4	TMSS +50026		3	1.00
07469-1806	15					3	1.00
16590-3635	15					3	1.00
20273+3932	24					4	1.00
21524+3724	50					3	1.00

AUTOCLASS CLASS = $\lambda 34$

Name	Cl	Nid	Cat	Source	Type	In	Prob
00007+5524	22	5	1	Y CAS		13	1.00
00245-0652	14	5	1	UY CET		16	1.00
00546+5808	14	3	4	TMSS +60032		6	1.00
01071+6551	15	2	4	TMSS +70018		4	0.99
01159+7220	22	5	19	21		39	1.00
01556+4511	22	3	13	37673	MB	59	1.00
02427-5430	22	3	1	W HOR	Mc	19	1.00
02568+4356	15	4	1	AE PER		5	1.00
03490+4455	22	4	2	DO 27661		6	1.00
03507+3623	24	2	4	TMSS +40072		4	1.00
04020-1551	22	4	1	V ERI		36	1.00
04137+3114	15	3	4	TMSS +30080		10	1.00
04166+4056	23	5	1	IR PER		22	1.00
04382-1417	21	4	1	BX ERI		14	1.00
04387-3819	23	2	1	R CAE		17	1.00
04396+0647	22	4	1	BZ TAU		8	1.00
05176-1755	22	3	4	TMSS -20069		5	1.00
05176+3502	15	3	1	EE AUR		4	1.00
05354+2458	22	5	1	GP TAU		13	1.00
05404-2343	22	4	1	RT LEP		10	1.00
05559+7430	24	4	1	V CAM		20	1.00
05587+1040	15	3	4	TMSS +10102		4	1.00
06139+3313	22	5	1	VW AUR		14	1.00
06140-2729	23	3	4	TMSS -30055		9	1.00
06402-1857	14	3	4	TMSS -20102		4	1.00
06462-4157	15					5	1.00
06534-1647	22	2	4	TMSS -20113		5	1.00
06551+0322	22	6	1	AZ MON		6	1.00
07034-3551	21	3	16	03379	MC	28	1.00
07042+2822	14	4	1	AM GEM		4	1.00
07080-1610	22	3	16	03439	M7	5	1.00
07422+3054	22	3	4	TMSS +30195		5	1.00
07566-4011	14					4	0.81
						($\lambda 24$	0.19)
08011-3627	23	1	1	AR PUP		17	1.00
08017-3118	14	4	4	TMSS -30114		4	0.58
						($\lambda 28$	0.42)

AUTOCLASS CLASS = λ34 (continued)

Name	Cl	Nid	Cat	Source		Type	In	Prob
08286-4728	14						6	1.00
08352-6904	22	1	16	04161			3	1.00
08552-3942	14						4	1.00
09213-5723	22						7	1.00
09425+3444	24	5	1	R	LMI		44	1.00
09480-4147	15	1	1	SU	VEL		23	1.00
09495-4723	14						4	1.00
09508-4345	22	1	16	04665			8	1.00
10469-5355	22	1	1	WX	VEL		6	1.00
10580-1803	22	4	1	R	CRT		75	1.00
11010-6038	15	5	13	251235		Ma	4	0.99
11125+7524	23	2	4	TMSS	+80023		12	0.98
11287-6918	24	1	16	05236			7	1.00
11450-6245	22						6	1.00
11452-4553	22	1	1	V421	CEN		6	1.00
11461-3542	22	4	16	05345		M7III	45	1.00
12041-6307	23						3	1.00
12391-6834	14						4	1.00
12394-6808	23						6	1.00
12569-6105	42						6	1.00
13001+0527	21	6	1	RT	VIR		69	1.00
13022-7650	14	5	16	06083			8	0.99
13170-5404	23						6	0.93
13244-5904	41	1	1	OS	CEN		7	1.00
13586-4617	23						6	1.00
14129-5940	22	5	15	5326		M5IIev	33	1.00
14142-1612	22	2	4	TMSS	-20266		9	1.00
14167-6717	22	1	1	UZ	CIR		4	1.00
14234-5359	14						9	1.00
14598-7124	22	2	1	V	APS	Mb	6	1.00
15186-5730	23						5	1.00
15193+1429	22	5	1	S	SER		6	1.00
15195-6510	15						5	1.00
15323-4920	23	2	1	R	NOR		9	1.00
15488-4928	22						11	1.00
16066-4427	13						7	1.00
16081+2511	23	6	1	RU	HER		20	1.00
16185-5213	22						7	1.00
16235+1900	23	7	15	6119		M7IIIe	49	1.00
16304-3831	15						5	1.00
16323-5518	22	2	1	X	ARA	Md	5	1.00
16328-4656	22						8	1.00
16376-5040	23						3	1.00
16438-1133	14	3	1	V446	OPH		20	1.00
16494-1252	22	3	16	08006		M8	10	1.00
16514-5150	22	1	1	UX	ARA		6	1.00
16521-2153	42	4	1	SY	OPH		11	1.00
17056-3959	42						7	1.00
17066-3119	24	3	4	TMSS	-30281		4	0.99

AUTOCLASS CLASS = λ34 (continued)

Name	Cl	Nid	Cat	Source		Type	In	Prob
17079-7405	21	1	1	W	APS		8	1.00
17109-3942	24	2	15	6392		G5Ia	8	1.00
17265-0725	22	3	4	TMSS	-10369		16	1.00
17273-2643	41	3	4	TMSS	-30301		8	1.00
17318-2342	21	3	4	TMSS	-20370		7	1.00
17398-4344	41	1	1	TV	SCO		7	1.00
17508-3419	22	3	1	BN	SCO		8	1.00
17541+1110	22	4	1	RT	OPH		7	1.00
17573-0807	24						4	1.00
17580-3711	22	1	1	AF	CRA		5	1.00
18039-0813	23	5	16	10210		M8	9	0.90
							(β8	0.10)
18076-0652	23	3	4	TMSS	-10400		4	1.00
18099-2452	23	3	4	TMSS	-20448		5	1.00
18125+3010	23	3	4	TMSS	+30330		7	1.00
18186+3143	22	3	1	TU	LYR		9	1.00
18222+3933	41	4	1	TW	LYR		7	1.00
18261-1748	21	3	4	TMSS	-20487		9	1.00
18280-5639	22	1	1	SS	TEL		20	1.00
18301-0656	42						8	0.98
18401+2854	41	5	1	FI	LYR		11	1.00
18501-2132	23	4	1	V2059	SGR		9	1.00
19039-4839	22	1	16	11738		M4	8	1.00
19047-1706	41	4	1	FQ	SGR		12	1.00
19143-5032	14	1	1	V	TEL		15	1.00
19238-3521	22						4	1.00
19247-1722	23	3	4	TMSS	-20563		10	1.00
19328+3039	22	3	4	TMSS	+30375		7	1.00
19334-0033	23	3	4	TMSS	00446		3	0.99
19472+3017	14	5	1	ER	CYG		4	0.64
							(λ20	0.36)
20075-6005	22	4	1	X	PAV	Mc	43	1.00
20193+3527	23	4	2	DO	18895		6	1.00
20215+6243	25	4	16	13056		M9	5	1.00
20239+2604	22	4	1	AV	VUL		5	0.97
20248+7505	23	4	1	UU	DRA		16	0.99
20377+3901	22	4	16	13211		M3	7	1.00
20454+1908	22	4	1	V	DEL		5	1.00
20479+0554	23	5	2	DO	7021		6	1.00
20502+4709	23	4	1	RZ	CYG		13	1.00
20507+2310	13	4	1	RX	VUL		8	1.00
20581+5841	22	3	1	UW	CEP		5	1.00
21028+2711	23	4	16	13514			5	1.00
21368-3812	21						8	1.00
21377-0200	14	4	13	145577		M5	10	1.00
21388+5130	22	3	4	TMSS	+50389		4	0.99
21401+7354	22	3	2	DO	40015		3	1.00
21439-0226	23	4	13	145652		MB	84	1.00
21543-1421	21	4	16	13969		M4	11	1.00

AUTOCLASS CLASS = λ34 (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
22035+3506	21	4	1	SV PEG		33	1.00
22264+5858	25	3	4	TMSS +60355		9	0.95
22306+5510	21	3	4	TMSS +60359		7	1.00
22393+2054	15	5	1	BC PEG		5	0.98
23147+6009	22	4	4	TMSS +60395		4	1.00
23182+3920	24	4	1	RY AND		4	0.89
						(β8	0.11)
23420+5618	41	5	1	Z CAS		10	0.90
23554+5612	42	6	19	739		8	0.90
						(λ30	0.10)

AUTOCLASS CLASS = λ35

Name	Cl	Nid	Cat	Source	Type	In	Prob
14394-5853	16					3	1.00
17051-3059	01	3	1	V459 SCO		5	1.00
20088+1439	24	2	4	TMSS +10455		3	1.00
20173+6651	27	3	2	DO 38292		3	1.00
23326+5817	15	2	4	TMSS +60413		3	1.00

Table 3. Cross-reference by IRAS Name of Complete Data Base

Description of Table 3.

This listing presents the names of all sources, along with IRAS Color-color flux values and the AutoClass class of the highest probability, sorted by the IRAS name. Complete probability distribution over multiple classes can be found in Table 2. *Cross-reference by AutoClass Class of Complete Data Base.*

The column headings are:

Name	IRAS source name
Sp Qu	Quality of spectral data, first digit for blue wavelengths, second digit for red wavelengths. 1 is best, 2 is moderate and 3 is poor.
[12]	Flux density at 12 microns - magnitudes
[12]-[25]	Difference in flux densities, measured in magnitudes, at 12 microns and at 25 microns.
[25]-[60]	Difference in flux densities, measured in magnitudes, at 25 microns and at 60 microns.
[60]-[100]	Difference in flux densities, measured in magnitudes, at 60 microns and at 100 microns.
Flux Qu	Quality of flux data, one digit for each of the wavelengths. 3 is high, 2 is moderate and 1 is at upper limit.
Var	Percent probability (0-99) that the source is variable, based on the 12 & 25 micron flux densities and their uncertainties. A value of -1 indicates that the source was not examined for variability.
Glon	Galactic longitude in degrees (0 <-> +360)
Glat	Galactic latitude in degrees (-90 <-> +90)
In	Source intensity multiplied by 1.0e+18 and scaled so that the minimum value is 1. The maximum value is ~4720.
AutoClass	AutoClass class having the highest probability and its probability.

The equations for calculating the flux magnitudes are in section 4.5 *Description of IRAS Color-color Plots*

AutoClass classifications for the 5425 LRS spectra
in >taylor>autoclass-x>data>lrs-5425>spectra-5425.base,
using the 5247472.0 MML classification in
>taylor>autoclass-x>data>lrs-5425>spectra-80-1.wt-set.

SORTED BY LRS NAME.

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
00001+4826	11	-0.59	0.79	-0.05	-0.11	3332	74	114.71	-13.38	8	(λ30 1.00)
00007+5524	11	-1.34	0.76	-0.12	-0.17	3333	11	116.14	-6.56	13	(λ34 1.00)
00012+6626	23	0.87	0.07	1.88	3.32	3311	45	118.25	4.27	5	(δ8 1.00)
00017+3949	13	0.51	0.53	-0.17	1.08	3331	0	113.25	-21.88	4	(λ28 1.00)
00019-1047	23	0.87	0.12	-0.07	2.89	3331	35	87.07	-70.04	4	(δ2 1.00)
00020+4316	23	1.09	0.34	0.51	1.41	3331	0	114.01	-18.51	4	(δ2 1.00)
00036+6947	13	-0.28	0.14	0.67	2.75	3331	0	119.07	7.53	7	(α5 1.00)
00039+2648	13	0.56	0.48	0.09	0.76	3322	8	110.75	-34.72	5	(δ8 0.92)
00040-3252	23	0.74	0.52	0.10	1.03	3331	0	0.88	-78.86	5	(δ8 1.00)
00042+4248	11	-3.06	1.14	0.01	0.00	3333	0	114.35	-19.05	51	(β0 1.00)
00050-2546	12	-0.36	0.85	-0.27	-0.02	3332	0	39.91	-80.05	6	(β8 1.00)
00065+5852	23	0.96	0.04	0.74	3.87	3331	20	117.53	-3.28	4	(δ5 1.00)
00067+6340	12	-0.69	0.87	-0.08	1.16	3331	35	118.34	1.46	8	(λ12 1.00)
00068-8628	13	0.76	0.56	-0.20	1.32	3331	29	303.75	-30.87	3	(λ24 1.00)
00070+5253	12	0.45	0.90	-0.32	1.72	3331	2	116.61	-9.19	4	(β4 1.00)
00075+5435	23	0.68	0.62	-0.09	1.46	3331	68	116.96	-7.52	3	(λ31 0.97)
00078+2822	33	1.03	-0.01	-0.19	2.15	3321	0	112.16	-33.36	3	(δ7 0.96)
00080+7101	23	1.10	0.14	0.60	2.49	3331	0	119.65	8.69	3	(δ5 1.00)
00081+3157	12	-0.24	0.25	-0.09	0.89	3332	0	113.03	-29.85	9	(δ0 1.00)
00084-1851	23	0.60	0.75	-0.06	0.68	3332	0	73.39	-77.36	3	(λ11 1.00)
00087+5833	22	-0.17	2.63	2.28	1.50	3333	34	117.77	-3.64	5	(ζ0 1.00)
00094-2450	22	0.39	0.75	-0.10	0.74	3231	4	46.83	-80.76	5	(λ28 1.00)
00102+7214	22	0.73	3.30	1.77	0.18	3332	8	120.02	9.87	3	(γ1 1.00)
00114-8516	23	0.80	0.08	-0.01	1.69	3331	15	303.91	-32.06	4	(δ8 0.99)
00119-0803	22	-0.13	-0.03	-0.03	0.86	3331	4	96.87	-68.76	9	(δ1 1.00)
00120+1955	13	0.06	0.10	-0.20	1.80	3321	0	111.30	-41.83	7	(δ1 1.00)
00121-1912	12	-0.45	-0.07	0.05	0.49	3331	0	75.11	-78.23	11	(δ0 1.00)
00127+5437	12	-0.74	1.18	-0.27	1.30	3331	3	117.72	-7.60	8	(β0 1.00)
00127+6058	22	1.56	2.43	4.42	2.15	3333	21	118.62	-1.33	3	(ζ4 1.00)
00128-3219	12	-1.41	0.47	0.03	-0.18	3333	0	358.67	-80.75	17	(λ30 1.00)
00135+4644	23	0.64	0.56	0.22	0.81	3332	47	116.71	-15.43	4	(λ25 1.00)
00140+0134	23	1.01	0.19	-0.12	1.87	3331	0	105.43	-59.83	4	(δ8 1.00)
00141+0957	33	0.79	0.09	0.03	1.91	3331	1	109.09	-51.69	5	(δ2 1.00)
00142+4911	23	1.14	0.06	-0.09	2.09	3321	0	117.18	-13.02	3	(δ6 0.99)
00152+1956	33	1.08	0.12	0.03	1.84	3321	33	112.32	-41.95	4	(δ4 1.00)
00152+6534	23	1.99	1.78	-0.61	8.13	3311	38	119.52	3.19	2	(ζ0 1.00)
00161+5820	23	0.98	0.75	-0.05	3.96	3331	7	118.69	-3.98	3	(α6 1.00)
00168-0906	23	0.44	-0.02	0.05	1.96	3331	0	98.98	-70.19	6	(δ1 1.00)
00170+6542	12	0.04	1.75	0.20	2.35	3331	18	119.72	3.32	3	(ζ4 1.00)
00172+4425	12	-0.68	0.22	0.43	0.37	3333	16	117.06	-17.80	11	(δ8 0.99)
00176+6931	23	0.45	0.54	-0.09	1.83	3331	0	120.24	7.09	4	(λ24 1.00)
00179+6136	33	1.19	0.20	1.87	3.63	3311	13	119.32	-0.78	3	(δ6 0.98)
00180+6414	13	0.82	0.68	-0.08	4.40	3331	57	119.64	1.84	3	(α4 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
00186+5940	22	0.16	0.60	1.80	1.73	3332	0	119.18	-2.70	5	(α5 0.97)
00187+5040	23	0.70	0.96	-0.06	2.40	3331	5	118.11	-11.64	3	(λ19 1.00)
00192-2020	12	-2.11	0.19	0.41	-0.09	3333	0	77.52	-80.20	34	(λ30 1.00)
00193-4033	11	-2.61	0.77	-0.47	-0.64	3333	1	326.04	-75.48	36	(β1 1.00)
00205+5530	11	-2.95	0.61	-0.28	0.11	3333	50	118.95	-6.86	58	(λ30 1.00)
00210+6221	12	-0.58	1.63	0.34	1.78	3331	15	119.77	-0.06	6	(ζ4 0.98)
00222+6952	12	0.13	0.73	0.12	2.40	3331	14	120.69	7.39	4	(λ20 1.00)
00235-7731	23	0.93	0.02	-0.06	1.88	3331	7	304.78	-39.78	4	(δ2 1.00)
00238-4234	12	-0.72	0.05	-0.33	0.67	3331	0	320.01	-73.98	14	(δ0 1.00)
00245-0652	12	-1.53	0.82	0.11	0.09	3333	10	106.11	-68.68	16	(λ34 1.00)
00247+6922	11	-2.59	0.79	0.12	-0.47	3333	14	120.86	6.87	44	(λ30 1.00)
00248+3518	23	0.11	0.21	1.16	1.26	3333	0	117.48	-27.03	5	(α5 1.00)
00254-1156	11	-0.89	0.09	0.16	0.46	3333	0	102.23	-73.58	15	(δ0 1.00)
00254-3317	12	-0.51	0.13	-0.17	0.45	3332	0	342.36	-82.23	11	(δ0 1.00)
00262+4808	12	0.55	0.16	0.08	1.68	3331	1	119.08	-14.29	5	(δ8 0.66)
00278+8219	12	0.13	0.53	-0.22	0.74	3331	61	122.25	19.75	6	(λ25 1.00)
00294+1419	23	0.71	0.54	0.07	1.20	3331	0	115.90	-48.01	3	(λ11 1.00)
00297+2545	13	0.35	0.48	-0.09	1.26	3331	12	117.60	-36.65	4	(λ25 1.00)
00300+5052	22	0.73	1.04	-0.27	2.74	3331	12	119.94	-11.61	3	(λ27 0.61)
00339+4840	23	0.42	0.37	0.21	1.20	3333	20	120.45	-13.85	5	(δ1 1.00)
00340+4412	23	0.64	0.00	-0.08	1.64	3331	0	120.18	-18.30	5	(δ2 0.90)
00340+6251	11	-0.63	0.52	-0.45	3.33	3331	53	121.30	0.31	7	(β1 1.00)
00347+8004	13	0.59	0.53	-0.01	1.02	3331	33	122.36	17.50	3	(λ27 0.98)
00351+6337	33	1.40	0.50	0.60	4.26	3331	4	121.46	1.07	3	(α1 1.00)
00354+6817	23	1.21	0.26	0.39	2.13	3331	0	121.75	5.73	2	(α6 1.00)
00362+5924	22	0.11	1.00	0.10	2.60	3331	25	121.37	-3.16	5	(λ28 1.00)
00366+3035	13	-0.11	-0.01	0.69	0.71	3333	43	119.87	-31.94	9	(δ0 1.00)
00371+1355	23	0.70	0.83	-0.22	1.44	3331	0	118.65	-48.58	3	(λ27 1.00)
00381-8018	23	0.31	0.67	-0.36	0.92	3331	89	303.57	-37.08	3	(λ27 1.00)
00410-1815	22	-0.81	-0.05	-0.27	1.70	3331	4	111.33	-80.68	15	(δ0 1.00)
00420+7533	22	0.68	1.30	-0.24	0.87	3331	99	122.56	12.97	3	(β11 0.60)
00422+5310	13	0.60	0.48	0.37	2.66	3331	31	121.98	-9.41	3	(α5 1.00)
00428+6854	11	-1.00	1.20	0.10	0.18	3333	19	122.45	6.32	8	(β0 1.00)
00435+4758	23	1.32	0.24	0.21	1.89	3331	27	122.06	-14.62	3	(δ6 1.00)
00445+3224	12	-0.26	0.83	0.15	0.45	3332	74	121.93	-30.18	7	(λ30 0.96)
00450-2533	11	0.35	3.45	3.91	1.46	3333	0	97.30	-87.96	6	(ζ0 1.00)
00453+5317	13	0.96	0.51	0.04	3.49	3331	0	122.44	-9.30	3	(λ18 1.00)
00474+6246	13	0.36	0.98	-0.33	3.76	3331	3	122.82	0.18	3	(β2 0.92)
00477-4900	22	0.42	0.86	-0.23	0.85	3331	4	303.56	-68.40	5	(λ28 1.00)
00479+4614	22	-0.28	1.27	-0.01	0.13	3333	78	122.80	-16.36	5	(β2 1.00)
00482+6132	23	0.90	0.04	0.39	4.40	3321	8	122.91	-1.07	3	(δ8 1.00)
00484+6238	22	-0.28	0.92	0.31	2.47	3331	1	122.93	0.05	7	(β8 1.00)
00493+5927	23	1.10	0.28	0.14	4.01	3321	25	123.05	-3.15	4	(δ3 1.00)
00498+4708	12	-0.13	0.76	0.05	0.17	3331	69	123.16	-15.45	5	(λ27 1.00)
00501+6941	23	1.19	0.05	-0.20	2.92	3321	2	123.10	7.09	3	(δ5 1.00)
00504-0124	13	0.52	-0.01	0.20	1.26	3331	0	123.83	-64.01	6	(δ1 1.00)
00506+5224	22	-0.41	1.40	-0.21	1.14	3331	4	123.25	-10.18	6	(β11 1.00)
00513+6317	23	1.27	0.82	0.09	2.67	3331	2	123.27	0.69	3	(λ18 0.99)
00522+4824	33	1.16	0.09	-0.35	2.34	3321	10	123.55	-14.19	3	(δ6 1.00)
00523+6812	23	1.38	0.18	0.67	2.25	3331	17	123.31	5.61	3	(δ7 1.00)
00525+2417	13	0.45	0.08	0.32	1.78	3331	4	124.04	-38.31	5	(δ1 0.99)
00535-2802	23	1.32	0.08	0.01	2.15	3321	10	246.21	-88.81	4	(δ6 1.00)
00536+6026	12	0.44	0.68	0.62	2.28	3331	3	123.57	-2.15	5	(δ8 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
00541+4825	13	-0.08	0.66	-0.09	0.76	3331	19	123.89	-14.16	7	(λ25 1.00)
00546+5808	12	-0.24	0.98	0.34	1.05	3332	20	123.75	-4.46	6	(λ34 1.00)
00572+0612	23	0.98	0.08	0.00	1.81	3321	0	126.69	-56.33	5	(δ3 1.00)
00578+5620	13	0.32	0.47	0.61	1.93	3331	19	124.24	-6.24	6	(λ7 1.00)
00581-0155	23	1.01	0.05	-0.21	3.07	3321	4	128.29	-64.43	3	(δ2 0.70)
01003+4535	33	1.24	0.60	-0.09	1.84	3331	8	125.07	-16.95	3	(λ4 1.00)
01007-6543	23	0.91	-0.02	-0.33	2.18	3331	0	301.05	-51.63	4	(δ2 1.00)
01010+7434	21	-0.88	0.50	0.23	-0.10	3332	0	123.82	11.99	9	(λ25 1.00)
01013-6437	23	0.62	0.76	0.01	0.77	3331	5	300.81	-52.72	4	(λ12 1.00)
01015+8559	13	1.01	-0.04	-0.22	3.81	3321	1	123.24	23.40	4	(δ5 1.00)
01030-3157	12	-0.48	0.51	-0.24	0.59	3333	0	270.00	-84.51	8	(λ25 1.00)
01031+4935	23	1.08	0.88	-0.25	1.50	3331	10	125.35	-12.95	3	(λ33 1.00)
01031+6531	33	1.42	0.49	-0.19	4.97	3321	4	124.47	2.97	4	(δ4 1.00)
01038-4659	13	0.77	-0.02	-0.21	1.92	3331	6	295.49	-70.20	5	(δ8 1.00)
01041+4908	13	0.42	0.87	-0.38	0.85	3331	20	125.54	-13.38	4	(β8 0.97)
01045+4520	23	1.16	0.14	0.19	1.75	3331	13	125.86	-17.17	3	(δ6 1.00)
01051+6319	22	0.20	1.17	0.21	2.59	3331	10	124.81	0.77	4	(β11 1.00)
01056+6251	23	1.45	2.61	4.45	1.60	3332	1	124.89	0.32	3	(ζ1 1.00)
01069+3521	11	-2.51	0.00	-0.13	-0.25	3133	-1	127.11	-27.10	73	(δ0 1.00)
01071+6551	12	0.16	0.82	0.17	3.04	3331	14	124.85	3.32	4	(λ34 0.99)
01080+5327	12	-0.93	0.44	0.19	0.67	3331	24	125.87	-9.03	12	(α0 1.00)
01085+3022	11	-1.91	1.23	-0.14	-0.09	3333	52	127.96	-32.04	22	(β0 1.00)
01088-1346	23	0.92	0.19	-0.11	1.76	3331	19	142.71	-75.61	4	(λ7 1.00)
01094+2157	33	0.58	0.56	-0.11	1.05	3331	3	129.22	-40.40	4	(λ7 1.00)
01105+6241	11	-1.73	0.21	0.23	1.58	3331	0	125.46	0.20	25	(α0 1.00)
01118+6623	13	0.48	0.70	0.67	2.61	3331	1	125.29	3.90	5	(δ8 1.00)
01125+7128	13	0.67	0.13	0.10	2.42	3331	13	124.89	8.97	5	(δ1 1.00)
01126+4027	23	0.81	0.69	-0.21	1.25	3331	6	127.84	-21.92	3	(λ11 0.99)
01133+2530	12	-0.18	0.37	0.55	0.41	3333	0	129.86	-36.77	8	(δ0 1.00)
01133+4129	23	0.58	0.69	-0.12	0.92	3331	41	127.87	-20.89	4	(λ28 1.00)
01142+6306	12	-0.06	1.01	0.18	1.02	3331	49	125.85	0.64	6	(λ30 1.00)
01144+6658	11	-1.74	1.98	0.62	-0.42	3333	31	125.49	4.49	11	(ζ4 0.87)
01145+5902	22	0.29	0.75	0.13	2.75	3331	0	126.28	-3.39	4	(β8 1.00)
01149+0840	12	-0.06	0.66	0.09	0.18	3331	0	133.80	-53.39	5	(λ27 1.00)
01150+5732	11	-1.02	0.67	-0.03	0.26	3331	7	126.51	-4.88	14	(λ30 0.59)
01156+6237	23	0.88	0.27	0.72	3.52	3331	8	126.05	0.18	3	(α6 1.00)
01159+7220	11	-2.70	0.95	-0.28	0.18	3333	11	125.07	9.86	39	(λ34 1.00)
01163+5604	13	0.70	0.25	0.09	2.11	3331	17	126.83	-6.33	4	(δ1 1.00)
01168+6515	12	0.50	0.85	-0.23	2.36	3331	16	125.91	2.82	3	(λ21 1.00)
01186+6105	23	1.21	0.62	0.02	3.86	3311	7	126.58	-1.31	3	(λ16 1.00)
01215+6430	23	0.79	0.42	0.38	4.33	3331	7	126.50	2.13	3	(δ7 1.00)
01215-0826	13	0.66	0.05	-0.17	1.85	3321	11	146.59	-69.54	5	(δ8 1.00)
01217+2341	22	-0.36	0.84	-0.23	-0.05	3331	5	132.57	-38.31	7	(β8 1.00)
01217+6049	12	-0.67	1.00	0.32	0.46	3331	58	126.98	-1.53	8	(β8 0.82)
01223+1435	23	0.58	0.77	-0.11	0.89	3331	0	134.92	-47.24	5	(λ11 0.99)
01230-4611	33	0.95	0.96	-0.53	1.44	3331	17	285.51	-70.04	3	(λ6 1.00)
01234+5454	11	0.29	0.87	0.06	2.53	3331	7	127.99	-7.37	4	(λ20 1.00)
01251+1626	12	-0.19	0.91	-0.20	0.61	3331	0	135.37	-45.29	5	(β1 1.00)
01261+6446	12	0.28	0.91	-0.10	1.61	3331	15	126.95	2.46	4	(η0 1.00)
01261-4334	21	-0.98	0.01	-0.17	0.18	3331	0	280.53	-72.17	13	(λ25 1.00)
01265+4624	22	0.22	1.07	-0.22	0.46	3332	4	129.71	-15.71	4	(β1 1.00)
01265+5831	33	1.06	0.09	0.07	4.02	3331	14	127.89	-3.71	3	(λ16 1.00)
01274-4700	33	0.71	0.06	-0.27	2.35	3331	0	284.51	-68.99	6	(δ2 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
01280+0237	22	0.09	0.70	0.08	0.45	3331	0	141.94	-58.54	5	(λ27 1.00)
01286+6204	13	0.52	0.96	0.48	2.85	3331	4	127.62	-0.17	3	(λ27 1.00)
01302+5729	13	0.73	0.26	0.46	1.80	3331	5	128.54	-4.66	3	(α6 1.00)
01304+6211	11	-2.52	2.05	0.95	-0.36	3333	16	127.81	-0.02	40	(ζ3 1.00)
01305+4615	23	1.09	0.46	-0.04	1.59	3331	0	130.45	-15.74	2	(λ16 0.99)
01312+6532	13	0.49	0.19	0.07	3.93	3331	19	127.36	3.30	5	(δ1 0.91)
01321+3756	23	0.94	0.58	0.17	1.11	3331	23	132.30	-23.88	3	(α6 1.00)
01324+4907	12	-0.25	0.37	-0.30	1.45	3333	37	130.26	-12.87	6	(α0 1.00)
01326-7527	23	1.13	0.55	-0.10	1.61	3331	26	299.35	-41.63	2	(λ18 1.00)
01327+6503	23	0.94	0.81	0.18	2.01	3331	10	127.60	2.85	3	(λ31 1.00)
01344+6232	33	1.01	0.96	0.60	1.92	3331	5	128.21	0.40	3	(α6 1.00)
01349+4822	13	0.28	0.01	-0.14	1.35	3331	15	130.82	-13.53	6	(δ1 1.00)
01354+6515	23	1.06	0.27	0.15	4.13	3331	13	127.84	3.10	2	(α6 1.00)
01358-5729	13	0.59	-0.00	-0.12	1.63	3321	0	290.85	-58.79	6	(δ1 0.99)
01359+0106	23	0.97	0.54	-0.09	1.44	3331	1	146.50	-59.34	3	(λ7 0.94)
01400-6921	33	1.47	0.82	-0.20	1.77	3331	27	296.39	-47.38	3	(β5 1.00)
01416-1611	33	1.18	-0.06	0.32	2.17	3331	0	173.13	-73.44	4	(δ4 1.00)
01426+6044	23	0.87	1.14	0.93	1.65	3333	0	129.51	-1.17	3	(λ7 0.99)
01438+1850	12	-1.08	0.85	-0.07	0.18	3333	26	140.55	-41.89	11	(β8 1.00)
01441-5103	13	0.50	0.18	-0.11	1.35	3311	0	282.91	-64.14	5	(δ1 1.00)
01443+6417	12	-0.62	0.50	0.19	1.03	3331	16	128.96	2.34	8	(α0 1.00)
01452-8026	11	-0.31	0.91	-0.02	0.46	3333	57	300.11	-36.65	8	(λ30 1.00)
01459+3353	23	0.80	0.06	-0.04	1.71	3331	0	136.27	-27.24	5	(δ5 0.96)
01472+5329	11	-0.44	0.76	-0.38	3.36	3331	8	131.69	-8.12	6	(λ12 1.00)
01476+6436	13	1.01	0.06	0.25	3.04	3321	0	129.24	2.72	4	(δ2 0.93)
01479+4228	33	1.01	0.62	-0.04	1.35	3331	0	134.44	-18.81	3	(λ18 0.78)
01481-1753	33	0.68	1.00	-0.35	0.96	3331	4	181.21	-73.39	3	(λ6 1.00)
01489-1034	23	0.71	-0.05	-0.10	1.78	3321	4	165.88	-68.05	5	(δ3 1.00)
01490+8901	12	0.09	-0.04	-0.16	1.34	3331	12	123.28	26.46	8	(δ0 1.00)
01516-4632	11	-1.24	0.11	-0.10	-0.03	3332	13	274.35	-67.22	23	(δ0 1.00)
01519+0427	23	0.14	0.83	-0.08	0.12	3332	0	150.91	-54.69	4	(β8 1.00)
01524+6957	13	0.78	0.13	0.17	3.38	3331	0	128.43	8.03	5	(δ5 0.94)
01527+1656	12	-0.22	0.97	-0.31	0.05	3332	0	144.07	-43.04	5	(β8 0.98)
01531+5900	13	0.61	0.30	0.48	2.91	3331	0	131.19	-2.57	4	(α5 1.00)
01548+2733	23	0.88	0.06	-0.17	1.91	3321	14	140.40	-32.81	4	(δ2 0.99)
01550+5901	23	1.25	0.70	0.17	3.65	3331	8	131.41	-2.49	2	(λ18 1.00)
01551+3053	12	-0.51	0.03	0.07	0.31	3331	15	139.32	-29.61	11	(δ0 1.00)
01551+5458	23	0.73	0.39	0.25	3.29	3331	11	132.46	-6.41	3	(α4 1.00)
01556+4511	11	-3.12	0.98	-0.22	0.04	3333	69	135.12	-15.84	59	(λ34 1.00)
01562+5434	12	-0.66	0.45	-0.17	0.85	3333	23	132.72	-6.75	9	(λ25 1.00)
01572+5844	12	0.11	1.06	0.01	1.69	3332	35	131.77	-2.69	4	(β0 1.00)
01576-2119	13	-0.48	0.08	-0.19	0.56	3331	0	195.47	-73.25	11	(δ0 1.00)
01577+6354	11	0.07	1.22	0.24	2.66	3331	30	130.47	2.30	4	(β0 1.00)
01579-0845	12	-1.00	0.12	-0.12	-0.14	3332	12	167.41	-65.25	21	(δ0 1.00)
01580+5803	22	0.26	0.20	0.10	2.82	3331	6	132.04	-3.33	5	(α5 1.00)
01597+1601	22	0.04	0.85	-0.03	0.44	3331	0	146.66	-43.30	5	(λ12 1.00)
01597+5459	12	-0.99	0.57	-0.19	1.36	3331	3	133.10	-6.22	9	(β1 1.00)
01599+6839	13	0.47	0.81	0.20	2.43	3331	3	129.41	6.95	4	(λ24 1.00)
02000+0726	11	-1.35	0.71	0.37	0.26	3333	5	151.82	-51.16	15	(λ30 1.00)
02008+4205	12	-1.35	0.03	-0.18	-0.11	3333	13	136.97	-18.56	25	(δ0 1.00)
02013-7441	13	1.05	0.14	-0.03	1.87	3331	23	296.68	-41.82	3	(δ6 0.98)
02028+4029	22	0.06	0.70	-0.20	0.22	3332	3	137.85	-19.98	4	(β9 0.97)
02039-5722	13	-0.03	0.53	-0.35	0.69	3332	11	284.35	-57.23	6	(λ25 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
02043+2313	11	-1.10	0.10	-0.11	-0.10	3332	0	144.58	-36.20	21	(δ0 1.00)
02044+6031	22	0.93	3.92	3.29	1.31	3333	6	132.16	-0.73	3	(γ0 1.00)
02047+5901	13	0.71	1.01	-0.20	3.04	3331	9	132.62	-2.15	3	(β4 1.00)
02053+5133	12	-0.16	0.83	0.07	0.73	3333	4	134.89	-9.27	8	(λ30 1.00)
02063-1801	23	1.02	0.05	0.02	1.87	3321	2	189.29	-69.88	4	(δ8 1.00)
02068+5619	23	0.41	0.93	0.16	2.30	3331	9	133.68	-4.66	4	(λ27 1.00)
02086+6355	12	-0.04	0.99	0.28	1.82	3331	0	131.62	2.67	6	(λ27 0.83)
02100+4359	23	0.81	0.09	-0.17	1.80	3331	7	138.04	-16.23	4	(δ2 1.00)
02103+1502	23	1.24	-0.05	0.16	2.05	3321	9	150.40	-43.20	3	(δ2 0.99)
02110-7143	12	-0.12	0.42	-0.21	0.59	3331	40	294.17	-44.25	7	(λ25 1.00)
02131-6804	13	0.99	0.10	0.55	1.26	3331	10	291.57	-47.42	3	(δ8 1.00)
02143+4404	11	-1.93	0.65	0.06	0.16	3333	12	138.78	-15.90	28	(λ25 1.00)
02145+7831	11	-0.20	0.68	0.12	0.60	3333	99	127.34	16.66	5	(β8 1.00)
02152+2822	11	-1.57	1.48	0.43	-0.48	3333	80	145.03	-30.51	15	(λ20 1.00)
02153+5711	12	-0.50	1.17	-0.06	0.38	3332	2	134.52	-3.47	7	(β0 1.00)
02157+5843	23	1.09	1.16	0.58	2.85	3331	6	134.07	-2.00	3	(λ18 1.00)
02157+6355	13	0.68	0.59	0.39	2.53	3331	3	132.36	2.91	4	(λ7 1.00)
02157-1421	23	0.91	0.18	-0.02	1.67	3331	2	184.54	-65.97	4	(δ5 0.95)
02158+5101	23	1.10	0.56	-0.27	1.87	3331	15	136.64	-9.26	2	(λ18 1.00)
02167+5926	33	0.93	1.21	0.39	2.76	3331	3	133.95	-1.29	3	(λ19 1.00)
02169+5645	23	0.31	1.10	0.16	2.07	3331	3	134.87	-3.80	4	(λ27 1.00)
02174+5655	23	1.01	0.63	0.31	2.62	3331	12	134.88	-3.62	2	(α2 1.00)
02179+6040	22	0.74	0.79	0.52	3.85	3311	43	133.68	-0.06	4	(λ28 1.00)
02180+6127A	33	1.18	0.51	1.89	3.54	3311	7	133.43	0.68	3	(δ7 1.00)
02181+5738	23	0.86	1.22	0.38	2.16	3331	5	134.73	-2.93	3	(λ28 1.00)
02184+2311	23	1.00	0.01	0.16	1.74	3331	10	148.26	-34.99	3	(δ8 1.00)
02185+5622	12	-0.59	1.06	0.26	1.09	3331	1	135.21	-4.09	7	(β8 1.00)
02188+5652	11	-1.05	1.08	0.17	-0.24	3333	12	135.07	-3.60	9	(β0 1.00)
02192+5821	11	-2.70	1.15	-0.02	0.03	3333	12	134.62	-2.20	29	(β11 1.00)
02193+0010	13	0.37	0.04	0.04	1.21	3331	0	164.95	-54.92	6	(δ1 1.00)
02200+4830	13	-0.01	0.28	0.01	2.53	3331	11	138.16	-11.41	6	(α5 1.00)
02217+5712	12	0.46	1.20	0.45	0.32	3331	20	135.33	-3.16	4	(λ28 0.99)
02221+3338	13	0.26	0.12	-0.09	1.16	3331	17	144.31	-25.08	7	(δ1 1.00)
02222+5003	23	0.61	0.02	-0.22	3.44	3331	1	137.95	-9.83	5	(δ1 1.00)
02228+3753	23	1.10	0.15	0.28	1.55	3332	4	142.68	-21.10	3	(δ6 0.90)
02234+5153	23	1.13	0.21	0.67	2.12	3332	2	137.46	-8.04	3	(δ7 1.00)
02234-0024	12	-0.03	1.22	0.01	0.21	3333	99	166.97	-54.75	5	(β1 1.00)
02236+6027	11	-1.25	1.10	-0.09	1.99	3331	0	134.42	-0.03	10	(β11 1.00)
02238-5947	12	0.14	0.78	-0.13	0.47	3331	99	282.98	-53.77	4	(β8 1.00)
02241+3644	23	1.05	0.37	-0.10	1.70	3331	10	143.42	-22.06	4	(δ5 0.97)
02251+5102	12	-0.76	0.60	0.03	0.46	3333	41	138.01	-8.74	9	(λ30 1.00)
02255+6903	12	0.50	0.66	-0.10	1.87	3331	99	131.49	8.06	4	(λ12 1.00)
02270-2619	11	-2.38	0.24	0.20	-0.14	3333	45	215.82	-68.14	44	(α0 1.00)
02270-6944	12	-0.89	0.14	-0.09	0.35	3333	95	291.21	-45.35	16	(δ0 1.00)
02272+3758	12	0.65	0.88	-0.28	0.97	3331	11	143.51	-20.69	3	(λ21 1.00)
02287+4957	13	1.01	0.12	-0.06	2.14	3331	0	138.96	-9.53	3	(δ2 1.00)
02287-5801	13	0.41	0.12	0.10	1.11	3331	0	280.24	-54.75	5	(δ1 1.00)
02290+7629	13	0.93	0.09	-0.28	4.26	3331	10	128.87	15.05	4	(δ1 1.00)
02293+5748	11	-1.97	1.47	0.44	-0.47	3333	24	136.06	-2.22	18	(λ20 1.00)
02294+4616	33	0.97	0.54	-0.25	1.61	3331	26	140.52	-12.89	3	(λ7 1.00)
02302+4525	11	-1.69	1.01	-0.25	0.34	3333	48	140.97	-13.61	16	(β8 1.00)
02302-1656	23	1.40	0.47	0.21	1.63	3331	8	194.21	-64.40	2	(α6 1.00)
02327+3428	13	0.27	0.09	0.16	0.94	3331	0	146.14	-23.44	6	(δ1 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
02339+3402	11	-0.80	0.40	-0.06	-0.35	3332	49	146.59	-23.71	11	(λ25 1.00)
02345+5422	11	-0.19	1.62	0.59	-0.51	3333	6	138.07	-5.12	4	(ζ4 1.00)
02347+5649	12	-0.34	1.13	0.14	0.30	3332	43	137.12	-2.85	6	(β0 1.00)
02351+5630	12	0.22	0.53	0.22	0.88	3331	6	137.30	-3.13	5	(λ25 1.00)
02351-2711	11	-2.93	1.02	-0.30	-0.29	3333	50	218.68	-66.45	55	(β1 1.00)
02360+5922	22	0.10	1.20	0.33	1.42	3331	0	136.26	-0.44	4	(β9 1.00)
02361+8055	12	0.40	0.77	-0.17	0.86	3331	98	127.32	19.23	4	(λ30 1.00)
02368+3937	23	1.11	0.21	0.84	0.90	3332	6	144.60	-18.42	3	(δ3 1.00)
02380+3059	12	0.00	0.34	-0.10	2.47	3331	11	148.92	-26.08	6	(λ25 1.00)
02384+3418	22	-0.45	0.80	-0.20	0.29	3333	16	147.38	-23.08	7	(β8 1.00)
02391+3211	22	0.25	1.00	-0.36	1.04	3332	30	148.56	-24.89	3	(β2 0.94)
02396-2249	33	1.20	0.17	0.29	1.66	3331	2	208.81	-64.58	4	(δ2 1.00)
02401-0013	21	-0.33	2.45	2.71	1.39	3333	24	172.10	-51.93	5	(ζ0 1.00)
02407+3602	11	-0.84	1.32	-0.13	-0.22	3333	1	146.99	-21.32	7	(β0 1.00)
02422-2925	23	0.28	0.63	-0.34	0.91	3331	0	224.38	-65.08	6	(λ28 1.00)
02427-5430	11	-2.01	0.91	-0.51	0.07	3333	3	273.48	-55.89	19	(λ34 1.00)
02433+6345	13	0.37	1.37	-0.24	1.67	3331	99	135.24	3.91	4	(β2 1.00)
02434+6018	22	1.45	2.34	3.98	1.82	3322	0	136.72	0.78	3	(ζ1 1.00)
02455+1718	11	-1.33	0.55	-0.08	0.31	3333	8	158.66	-37.12	15	(λ30 1.00)
02455-1240	11	-0.87	0.64	-0.18	-0.11	3333	5	190.43	-59.04	11	(λ12 1.00)
02462+6212	22	0.52	0.85	0.14	3.98	3331	0	136.21	2.65	3	(β9 1.00)
02464-5915	11	-0.79	0.55	0.01	0.21	3333	4	278.82	-52.29	11	(λ30 1.00)
02469+5646	11	-1.26	1.41	0.07	-0.07	3333	69	138.65	-2.21	11	(β11 1.00)
02473+5152	23	0.91	0.69	0.08	1.29	3331	10	140.86	-6.58	3	(λ28 1.00)
02473+5738	22	-0.35	1.14	0.35	0.98	3332	0	138.32	-1.40	5	(β0 1.00)
02481-5257	23	0.95	0.19	0.11	1.57	3331	8	270.42	-56.25	4	(δ2 1.00)
02484+3451	22	0.24	0.01	-0.10	1.25	3331	2	149.07	-21.65	8	(δ1 1.00)
02488+5348	23	0.80	0.16	0.08	3.66	3331	3	140.21	-4.75	4	(δ8 0.99)
02493+3629	23	0.43	1.00	-0.12	0.47	3331	78	148.41	-20.12	3	(β9 0.98)
02497-0828	12	-0.48	0.72	-0.10	-0.39	3332	8	185.17	-55.77	10	(λ25 1.00)
02503+7406	23	0.84	0.11	-0.06	2.24	3331	46	131.17	13.46	4	(δ8 1.00)
02510+0907	12	-0.32	0.17	0.87	1.24	3332	5	166.29	-43.01	10	(δ0 1.00)
02522+6407	23	0.95	0.09	-0.08	4.46	3321	17	135.96	4.67	4	(δ2 1.00)
02522-5005	11	-3.53	0.63	-0.03	0.14	3333	92	265.45	-57.38	88	(β8 1.00)
02526+3050	13	0.91	0.10	-0.23	1.96	3321	16	152.05	-24.71	5	(δ8 1.00)
02529+1807	11	-1.79	0.08	-0.07	-0.04	3333	5	159.93	-35.45	34	(δ0 1.00)
02531+5721	23	0.95	0.31	0.02	3.17	3321	0	139.15	-1.31	4	(δ6 1.00)
02532+5426	12	-0.96	0.71	0.27	0.47	3333	10	140.51	-3.89	10	(λ25 1.00)
02535+5555	23	0.95	0.91	0.40	1.91	3331	93	139.86	-2.56	3	(α6 1.00)
02537-0614	13	0.89	0.88	0.34	0.59	3331	2	183.18	-53.62	3	(λ18 1.00)
02539-0905	23	0.82	-0.09	0.33	1.50	3331	2	187.15	-55.31	4	(δ2 1.00)
02541+1424	13	0.54	0.14	-0.05	1.40	3331	4	162.88	-38.35	4	(δ1 0.90)
02544+0418	23	0.42	0.06	0.46	0.82	3331	26	171.55	-46.17	6	(δ8 1.00)
02547+1106	22	-0.12	1.47	0.17	-0.31	3331	3	165.62	-40.90	5	(β0 1.00)
02566+2938	23	0.64	0.96	0.09	1.64	3332	2	153.54	-25.31	4	(λ21 1.00)
02568+4356	12	-0.09	0.94	-0.10	0.15	3331	14	146.02	-12.89	5	(λ34 1.00)
02575+6017	11	0.38	4.13	3.28	1.48	3333	0	138.30	1.56	6	(γ0 1.00)
02583-0304	33	0.95	0.06	0.06	1.75	3321	19	180.47	-50.70	4	(δ3 1.00)
02587+2136	21	-0.17	0.70	-0.08	0.44	3331	3	158.93	-31.82	6	(λ20 1.00)
02588+4754	33	1.35	0.18	-0.01	3.92	3311	0	144.38	-9.24	3	(δ3 1.00)
02593+7913	13	0.71	0.04	-0.25	2.00	3331	0	129.09	18.19	4	(δ1 1.00)
02596+0353	12	-2.30	-0.00	-0.12	-0.29	3333	64	173.32	-45.60	64	(δ0 1.00)
02596+6639	13	0.72	0.55	0.11	2.22	3331	99	135.45	7.26	3	(α5 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
03008+5637	23	1.05	0.80	0.99	1.61	3332	99	140.42	-1.46	3	(β2 1.00)
03011+5318	13	0.43	0.00	-0.05	2.27	3331	28	142.07	-4.34	6	(δ2 1.00)
03014+3540	23	0.43	0.86	0.19	2.29	3331	31	151.11	-19.62	4	(λ27 0.99)
03018+7536	23	1.03	0.28	0.36	2.44	3331	6	131.11	15.14	4	(δ5 1.00)
03019+3838	11	-2.59	0.08	-0.03	-0.23	3333	15	149.60	-17.01	69	(δ0 1.00)
03022+5409	23	1.01	1.13	-0.30	2.16	3331	72	141.79	-3.52	3	(β2 0.94)
03022-5907	13	0.73	0.25	-0.13	1.88	3331	41	276.48	-50.87	4	(δ8 1.00)
03030+5532	11	-2.32	1.28	0.07	1.16	3321	69	141.22	-2.25	31	(β0 1.00)
03035+5819	22	-0.10	4.32	2.94	1.33	3333	13	139.91	0.20	8	(γ0 1.00)
03036+6017	12	0.49	1.14	0.51	3.05	3331	34	138.96	1.93	4	(λ28 1.00)
03040-0616	12	-0.08	0.11	-0.27	1.01	3331	35	185.87	-51.62	8	(δ1 1.00)
03040-8013	12	0.09	0.63	-0.08	0.69	3333	6	296.36	-35.36	5	(λ24 1.00)
03042+5850	22	0.24	0.96	0.26	3.79	3331	30	139.74	0.70	4	(λ12 0.98)
03064-2638	23	1.48	0.21	-0.11	2.30	3321	22	219.61	-59.47	2	(λ1 1.00)
03073+1315	23	0.86	0.65	-0.22	1.70	3331	6	166.99	-37.28	3	(δ7 0.99)
03074-8732	11	-1.25	1.52	0.06	-0.26	3333	99	301.39	-29.42	11	(ε1 1.00)
03075+5742	12	-0.32	-0.05	0.62	2.80	3331	3	140.68	-0.06	9	(δ1 0.94)
03078+6046	12	0.79	1.69	0.56	2.70	3331	69	139.16	2.59	3	(η0 1.00)
03081+3752	23	0.96	0.16	-0.01	3.87	3331	7	151.10	-17.03	4	(δ6 0.97)
03082+1436	22	-0.99	0.48	0.07	-0.07	3333	18	166.14	-36.10	12	(λ25 1.00)
03088+7403	23	1.25	0.08	-0.16	4.05	3321	34	132.34	14.04	3	(δ8 0.72)
03088-0359	23	1.21	0.04	0.19	1.91	3331	4	184.19	-49.29	3	(δ2 1.00)
03093+4313	23	0.76	1.17	-0.60	1.43	3331	0	148.40	-12.36	3	(β7 1.00)
03094+5530	11	-0.77	0.47	-0.22	2.14	3331	14	142.01	-1.83	8	(λ30 1.00)
03096+5839	22	0.72	0.88	0.82	3.33	3331	46	140.44	0.89	3	(λ20 1.00)
03096+5936	23	0.60	1.03	0.54	3.48	3331	99	139.94	1.71	4	(λ31 1.00)
03098+6520	23	1.22	0.35	1.12	1.72	3331	54	137.01	6.64	3	(δ5 1.00)
03101+4738	23	1.06	0.21	0.50	1.61	3331	8	146.18	-8.52	3	(α1 1.00)
03112-5730	12	-1.30	0.53	0.13	0.03	3333	23	273.30	-50.90	17	(α0 1.00)
03113+5441	21	-0.25	1.22	0.26	0.95	3331	3	142.68	-2.38	6	(ε1 1.00)
03124+6434	22	0.15	0.78	0.46	0.98	3333	18	137.66	6.12	5	(λ30 1.00)
03128+0129	13	0.63	0.75	-0.18	0.99	3331	1	179.02	-44.94	4	(λ28 1.00)
03149+3244	12	-0.53	0.69	0.34	0.45	3333	11	155.30	-20.58	8	(λ30 1.00)
03155+3402	23	1.05	0.04	-0.17	2.62	3311	1	154.63	-19.43	3	(δ5 1.00)
03156+5113	23	0.40	0.86	0.18	1.14	3331	3	145.05	-5.00	4	(λ27 0.99)
03156+5828	23	1.34	0.39	1.84	3.50	3311	98	141.20	1.15	2	(α2 1.00)
03157+3258	12	-0.53	0.95	0.08	-0.05	3331	1	155.29	-20.29	10	(α0 1.00)
03168+3257	33	1.05	0.79	0.43	1.47	3331	61	155.51	-20.17	2	(λ15 1.00)
03170+3150	11	-0.89	1.07	-0.09	0.49	3333	2	156.22	-21.07	9	(β8 0.96)
03172-2156	12	-1.90	-0.02	-0.18	-0.33	3333	4	212.09	-56.00	35	(δ0 1.00)
03173+2652	13	0.32	-0.01	-0.25	3.44	3331	6	158.14	-23.46	7	(δ1 1.00)
03186+7016	11	-1.78	1.05	0.40	-0.31	3333	99	135.07	11.25	21	(λ30 1.00)
03192+5642	12	0.56	0.95	0.89	3.42	3331	99	142.55	-0.10	4	(α4 0.97)
03194+3203	33	1.10	0.07	0.00	2.75	3331	7	156.54	-20.60	3	(δ3 1.00)
03195+7450	22	0.81	0.65	-0.07	1.46	3331	0	132.52	15.09	3	(λ28 1.00)
03201+5459	13	0.78	0.49	2.35	3.22	3311	29	143.59	-1.46	3	(λ28 0.99)
03203+6424	12	-0.36	0.19	0.07	1.40	3331	16	138.46	6.44	11	(δ0 1.00)
03206+6521	11	-1.32	1.92	0.50	-0.34	3333	98	137.97	7.26	13	(ζ0 1.00)
03207+4941	22	0.04	0.04	0.03	1.43	3331	28	146.57	-5.86	9	(δ0 1.00)
03221+0851	23	1.07	-0.07	-0.08	2.53	3321	0	174.12	-38.16	4	(δ2 1.00)
03227-1231	13	0.62	0.87	-0.95	1.62	3331	3	198.30	-51.13	3	(β1 1.00)
03229+4721	11	-3.19	0.48	0.14	-0.20	3333	99	148.18	-7.60	83	(α0 1.00)
03235+5808	21	2.38	4.92	3.06	1.67	3332	50	142.24	1.43	4	(γ1 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
03236+5836	12	-1.16	2.88	2.91	1.21	3333	21	142.00	1.82	9	(ζ0 1.00)
03238+6034	12	-0.99	0.87	0.19	1.05	3331	97	140.93	3.47	11	(λ30 1.00)
03250+3318	23	0.82	0.55	-0.19	2.37	3331	6	156.78	-18.90	4	(λ7 1.00)
03250+7141	23	0.67	0.14	1.47	1.97	3333	28	134.70	12.72	5	(δ1 1.00)
03253+2030	23	0.56	0.80	0.38	0.30	3331	5	165.44	-28.97	4	(λ10 0.99)
03258+5842	33	1.97	0.99	2.76	3.06	3321	18	142.19	2.06	3	(δ4 1.00)
03259+6713	33	1.08	0.50	0.31	3.50	3331	99	137.36	9.10	3	(λ32 1.00)
03270+4749	13	0.61	-0.03	-0.03	3.87	3331	12	148.48	-6.82	5	(δ1 1.00)
03272+3929	23	0.37	0.78	0.08	1.15	3332	7	153.38	-13.63	5	(λ25 1.00)
03277+5120	12	0.77	0.54	0.18	3.82	3331	77	146.57	-3.87	3	(α0 1.00)
03281+2832	23	0.62	0.42	-0.08	3.01	3331	7	160.41	-22.31	4	(δ8 1.00)
03281-0206	23	0.91	0.40	0.33	1.10	3331	0	186.37	-44.32	4	(δ5 1.00)
03287-1535	12	-0.67	1.52	0.38	-0.19	3333	7	203.69	-51.20	8	(β2 1.00)
03291+4116	23	0.94	0.07	0.18	1.68	3331	42	152.62	-11.96	3	(α6 1.00)
03293+6010	11	-0.30	2.24	0.38	-0.14	3333	15	141.73	3.52	6	(ζ0 1.00)
03293+6038	11	-0.53	1.00	0.15	1.97	3331	99	141.45	3.90	6	(λ30 1.00)
03301+5658	23	0.68	1.53	0.41	3.08	3331	99	143.64	0.97	3	(λ20 1.00)
03303-2549	23	0.99	0.16	-0.19	1.94	3321	19	219.95	-54.07	3	(δ5 1.00)
03305-0937	33	1.18	0.17	1.37	1.25	3333	21	195.85	-48.05	4	(δ6 1.00)
03313+6058	12	-0.09	1.93	0.73	0.18	3333	50	141.45	4.32	4	(ζ4 1.00)
03317+6300	23	0.92	0.75	-0.28	3.81	3331	22	140.31	6.01	3	(α1 1.00)
03318-1619	11	-1.87	0.54	-0.12	0.00	3333	51	205.26	-50.81	19	(λ30 1.00)
03336-7636	12	-0.58	0.75	-0.13	-0.27	3333	99	291.99	-37.04	6	(β8 1.00)
03359+5158	33	1.42	0.20	0.61	4.51	3331	4	147.24	-2.61	2	(α3 1.00)
03364+3606	33	0.72	0.95	0.01	3.03	3331	99	156.98	-15.25	3	(β7 1.00)
03364-5533	12	-0.89	0.59	-0.21	0.07	3333	35	267.96	-48.89	11	(λ25 1.00)
03370+6140	22	0.44	0.81	0.16	1.31	3331	22	141.60	5.28	4	(λ27 1.00)
03374+6229	11	-1.58	0.38	0.92	0.20	3333	5	141.15	5.97	23	(α0 1.00)
03377+5120	11	-0.70	0.31	0.79	1.26	3332	18	147.84	-2.95	10	(λ25 1.00)
03377+6303	13	-0.40	0.12	-0.20	1.38	3331	23	140.84	6.44	11	(δ0 1.00)
03385+5927	11	-0.81	1.03	-0.03	0.23	3331	99	143.08	3.62	7	(λ30 1.00)
03385+5948	13	1.07	0.08	-0.35	5.01	3321	7	142.87	3.90	3	(δ5 1.00)
03388-1054	23	0.51	1.00	-0.35	0.78	3331	0	199.00	-46.90	3	(λ21 0.98)
03391+3621	13	0.84	0.44	0.16	3.43	3331	51	157.26	-14.72	3	(δ5 1.00)
03408-0955	23	0.96	-0.05	-0.01	1.94	3321	5	198.09	-46.00	4	(δ2 0.99)
03411-3110	23	0.83	0.14	-0.05	1.66	3331	13	229.40	-52.51	4	(δ1 1.00)
03415+4437	23	0.54	0.25	0.37	2.71	3331	29	152.43	-7.92	4	(α5 1.00)
03415+8010	11	-1.51	0.77	0.10	-0.05	3333	13	130.14	20.05	25	(λ25 1.00)
03433+5231	23	0.62	0.56	0.22	3.92	3331	9	147.81	-1.49	4	(λ27 0.86)
03435-6457	23	0.79	0.02	-0.06	1.93	3331	7	279.24	-43.54	5	(δ2 1.00)
03437-1215	13	-0.24	0.06	0.00	0.62	3331	9	201.55	-46.47	9	(δ0 1.00)
03439+5925	23	0.56	0.98	-0.10	3.12	3331	34	143.64	4.01	4	(λ24 1.00)
03448+4432	12	-1.66	1.20	0.30	-0.29	3333	99	152.94	-7.62	14	(λ20 1.00)
03449+5041	12	-0.20	1.15	-0.49	2.89	3331	24	149.13	-2.79	6	(β8 1.00)
03449+6522	12	-1.31	0.14	1.21	1.90	3331	94	140.02	8.75	12	(δ0 1.00)
03451+2450	23	1.45	0.16	0.10	3.78	3311	0	166.13	-22.71	3	(δ3 1.00)
03452+5301	23	1.41	0.64	1.37	3.26	3331	25	147.73	-0.92	2	(α6 1.00)
03453+3207	32	1.29	1.26	-0.05	3.48	3331	99	161.09	-17.17	3	(β6 1.00)
03458+5054	23	0.56	0.57	0.15	3.79	3331	3	149.11	-2.52	4	(λ7 1.00)
03461+6333	13	0.61	0.24	-0.05	3.58	3331	8	141.28	7.42	5	(δ1 0.79)
03461+6727	23	0.52	0.82	0.28	1.12	3331	4	138.79	10.45	4	(λ27 1.00)
03463-0710	12	-0.23	0.50	0.14	1.29	3331	33	195.71	-43.43	9	(λ25 1.00)
03467+3838	23	0.99	0.24	0.60	3.82	3331	40	156.98	-11.99	3	(α4 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
03470+4226	13	0.72	0.13	0.18	3.65	3331	22	154.59	-9.02	4	(δ1 1.00)
03478+6349	23	0.74	0.83	0.25	1.26	3331	73	141.26	7.74	3	(λ28 0.90)
03479-7423	11	-1.49	0.07	-0.21	-0.10	3333	25	289.13	-37.80	29	(δ0 1.00)
03482-5213	12	-0.72	0.72	-0.26	0.12	3333	19	262.30	-48.55	9	(λ30 1.00)
03488+3943	11	-1.74	0.16	0.13	-0.32	3332	11	156.61	-10.89	25	(λ25 1.00)
03489-0131	11	-1.13	0.75	-0.17	0.32	3332	48	189.87	-39.79	10	(β8 1.00)
03489-3907	13	0.72	0.14	-0.08	1.58	3331	9	242.31	-51.04	4	(δ1 1.00)
03490+4455	11	-0.43	0.94	0.04	0.74	3332	27	153.28	-6.86	6	(λ34 1.00)
03490-7001	13	1.03	0.50	-0.10	3.25	3331	50	284.54	-40.31	3	(δ8 1.00)
03496-4014	13	1.06	0.06	0.20	1.72	3311	12	244.04	-50.81	4	(δ8 1.00)
03503+6925	22	0.14	1.13	-0.21	0.53	3331	26	137.82	12.21	4	(β8 0.95)
03505-0919	12	-0.38	0.62	-0.11	0.02	3331	3	198.99	-43.62	6	(β8 1.00)
03507+1115	21	-5.53	0.83	-0.26	-0.16	3333	6	177.95	-31.41	548	(λ12 1.00)
03507+3623	12	0.16	0.93	0.16	3.06	3331	3	159.10	-13.20	4	(λ34 1.00)
03511-4558	11	-0.76	0.72	-0.29	-0.11	3332	28	252.88	-49.73	7	(β8 1.00)
03513+1801	11	-0.16	1.23	0.69	-0.28	3331	13	172.46	-26.65	4	(ε1 1.00)
03513+4827	23	0.45	0.90	0.04	1.48	3331	65	151.34	-3.88	4	(λ27 1.00)
03519+5731	23	0.73	0.12	-0.01	4.13	3311	50	145.65	3.18	5	(δ2 1.00)
03528+6057	23	0.84	0.10	0.66	1.89	3331	3	143.54	5.90	4	(δ2 0.83)
03531-2410	13	0.75	0.43	-0.28	1.53	3331	8	219.27	-48.66	3	(λ7 1.00)
03548+4936	33	1.01	0.24	0.32	2.19	3331	31	151.05	-2.63	3	(δ7 0.99)
03557+4404	12	-0.27	1.34	0.47	0.21	3333	99	154.75	-6.75	8	(λ30 1.00)
03557-1339	11	-1.47	0.04	-0.03	-0.39	3332	2	205.16	-44.47	30	(δ0 1.00)
03558+1053	33	0.96	0.08	-0.09	1.98	3321	5	179.26	-30.72	4	(δ2 1.00)
03572+5509	11	-0.51	1.27	-0.14	0.16	3331	96	147.74	1.84	6	(β11 0.97)
03579-6132	12	-0.02	0.09	-0.28	1.09	3331	1	274.02	-43.78	8	(δ0 1.00)
03598-1353	12	0.15	0.77	-0.21	0.51	3331	10	206.05	-43.67	4	(β0 0.39)
04000+5052	33	1.76	2.61	4.69	1.48	3333	98	150.86	-1.12	3	(ζ1 1.00)
04001-6217	11	-1.08	0.10	-0.12	-0.29	3332	3	274.80	-43.21	19	(δ0 1.00)
04004-6113	33	1.22	0.11	0.02	2.01	3321	0	273.43	-43.64	3	(λ7 0.98)
04014+0224	23	0.61	0.72	0.14	1.06	3331	11	188.16	-34.97	4	(λ27 1.00)
04015+1222	13	1.26	-0.00	0.35	3.46	3331	32	179.02	-28.70	3	(λ1 1.00)
04015+6139	23	1.02	0.11	0.21	4.06	3321	15	143.87	7.11	4	(δ4 1.00)
04017+2603	33	1.41	0.14	0.08	4.01	3311	15	168.16	-19.24	3	(δ3 1.00)
04020-1551	11	-2.65	0.94	-0.35	-0.19	3333	1	208.85	-43.98	36	(λ34 1.00)
04035-1025	33	1.29	0.04	0.25	1.93	3331	0	202.38	-41.33	3	(δ3 1.00)
04043-0748	23	0.83	0.62	-0.21	1.34	3331	0	199.48	-39.89	3	(λ18 1.00)
04044+4252	22	0.26	0.50	-0.00	1.02	3331	0	156.75	-6.59	4	(λ28 0.99)
04047+4217	23	0.99	0.17	0.12	3.30	3331	38	157.19	-6.99	3	(δ5 1.00)
04051+6834	23	0.64	0.66	0.01	1.35	3331	34	139.42	12.46	4	(λ28 1.00)
04058-7958	13	0.78	0.41	0.43	1.04	3331	5	293.89	-33.65	4	(λ7 1.00)
04064+3321	23	1.05	0.64	0.01	1.70	3331	27	163.63	-13.29	3	(λ6 1.00)
04064+5052	22	0.12	2.14	2.59	1.89	3333	39	151.61	-0.46	4	(ζ0 1.00)
04065-0813	23	0.92	0.27	-0.09	1.65	3331	18	200.29	-39.64	3	(δ5 1.00)
04071+5215	23	1.15	0.74	0.25	2.37	3331	96	150.76	0.64	3	(λ18 1.00)
04074+4204	23	0.80	0.29	-0.10	3.77	3331	30	157.70	-6.81	4	(δ2 1.00)
04085+0211	23	1.12	0.05	0.16	2.19	3311	54	189.63	-33.65	4	(λ1 1.00)
04085+5347	12	-0.05	0.90	-0.07	1.18	3331	99	149.87	1.91	4	(β2 1.00)
04086+2915	23	1.07	0.89	0.17	3.33	3331	1	166.95	-15.89	3	(λ10 1.00)
04086-7044	23	0.72	0.52	0.64	1.55	3333	48	284.17	-38.54	4	(λ7 1.00)
04094-2515	12	-1.34	0.66	-0.25	0.05	3333	19	222.16	-45.35	12	(β8 1.00)
04111-1030	12	0.00	0.58	-0.30	0.64	3331	18	203.60	-39.71	7	(λ25 1.00)
04113+5248	13	0.62	0.08	-0.07	2.55	3331	9	150.85	1.48	4	(δ8 0.98)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
04123+3342	22	-0.11	0.63	-0.05	0.69	3331	13	164.29	-12.18	6	(λ30 1.00)
04123-4225	23	0.81	-0.09	0.04	1.78	3331	16	246.88	-46.42	5	(δ2 1.00)
04127+5030	13	0.29	0.38	0.65	2.95	3331	46	152.60	-0.04	5	(α5 1.00)
04130+3918	11	-0.69	0.29	0.25	0.46	3332	98	160.40	-8.09	9	(α0 1.00)
04137+3114	21	-0.78	0.83	0.02	0.06	3332	9	166.30	-13.71	10	(λ34 1.00)
04137-6235	23	0.87	0.02	-0.01	2.25	3331	2	274.32	-41.65	5	(δ2 1.00)
04140-8158	11	-2.69	0.75	-0.16	-0.06	3333	99	295.61	-32.22	32	(β8 1.00)
04153+5441	23	1.27	0.08	0.76	3.93	3321	1	149.98	3.26	3	(α1 1.00)
04155+2812	11	-0.17	2.76	1.54	2.02	3332	8	168.84	-15.55	4	(ε0 1.00)
04160+5137	23	0.67	0.27	1.10	1.55	3331	99	152.19	1.12	3	(α5 0.99)
04160-2050	13	0.01	0.12	0.00	1.02	3333	10	216.87	-42.62	8	(δ1 1.00)
04165+1420	23	0.67	0.37	0.08	1.98	3331	61	180.00	-24.65	4	(α5 1.00)
04166+4056	11	-2.10	0.96	-0.21	0.27	3333	14	159.74	-6.44	22	(λ34 1.00)
04166+5841	23	0.62	1.00	0.06	1.20	3331	8	147.29	6.24	3	(α4 1.00)
04169+1530	23	1.00	0.06	0.04	4.06	3331	8	179.08	-23.82	3	(δ6 1.00)
04177-0244	23	1.34	0.07	0.02	2.16	3321	55	196.13	-34.46	3	(δ3 1.00)
04179+4145	23	-0.06	0.14	0.30	2.95	3331	99	159.35	-5.69	4	(α5 1.00)
04179+5951	12	-0.77	0.73	0.35	1.38	3331	99	146.58	7.18	9	(λ30 1.00)
04188+2819	22	0.52	2.00	1.30	0.99	3333	5	169.25	-14.94	3	(ε2 1.00)
04192+3957	23	1.01	0.30	0.28	2.31	3331	94	160.80	-6.79	3	(λ18 0.97)
04193+4359	33	1.45	0.52	0.31	2.50	3331	0	157.94	-3.92	3	(α1 1.00)
04193+4959	23	0.91	0.41	0.35	2.35	3331	12	153.71	0.33	3	(λ32 1.00)
04194+2042	23	0.79	0.12	0.01	2.07	3331	9	175.26	-19.98	6	(δ2 1.00)
04199-2248	23	0.83	0.97	-0.05	0.83	3331	3	219.78	-42.37	3	(λ11 1.00)
04200+1725	23	1.12	-0.09	0.53	2.21	3311	4	178.01	-22.01	5	(δ2 1.00)
04209+4800	12	0.14	1.29	-0.03	2.44	3331	99	155.30	-0.89	5	(β0 1.00)
04216-2756	23	1.15	0.08	0.26	1.74	3331	16	226.70	-43.30	3	(δ5 1.00)
04247+4149	12	0.07	0.19	0.09	1.28	3331	31	160.19	-4.74	5	(δ1 1.00)
04250+1555	23	-0.05	0.73	0.07	0.49	3331	3	180.09	-22.04	8	(λ25 1.00)
04255+1003	11	-1.25	0.84	-0.05	-0.03	3333	98	185.22	-25.58	13	(λ30 1.00)
04256+1904	13	0.86	0.04	-0.06	2.51	3331	2	177.60	-19.92	4	(δ8 1.00)
04262+3945	12	-0.52	0.31	0.47	0.60	3333	20	161.89	-5.95	8	(α5 1.00)
04264+3853	23	0.98	1.34	0.08	2.93	3331	97	162.55	-6.53	3	(β4 1.00)
04265+4550	13	0.50	0.13	-0.21	3.97	3331	1	157.51	-1.72	5	(λ7 1.00)
04265+5718	11	-0.79	0.99	0.25	0.38	3333	18	149.21	6.20	11	(λ12 1.00)
04269+0503	13	0.90	0.11	-0.17	1.96	3321	0	189.99	-28.23	4	(δ2 1.00)
04280+2722	11	-0.43	0.87	-0.07	0.53	3331	17	171.39	-14.08	8	(λ20 1.00)
04282+1459	23	0.98	0.13	0.02	2.47	3331	12	181.39	-22.02	4	(δ5 1.00)
04284+1732	12	-1.01	-0.01	0.25	0.26	3331	99	179.30	-20.39	11	(α0 1.00)
04292+3100	23	-0.39	0.97	-0.20	0.42	3331	1	168.79	-11.46	8	(β9 0.52)
04293+5241	23	1.22	0.14	-0.23	4.59	3321	7	152.85	3.34	3	(λ18 0.99)
04297+4836	13	0.38	0.23	0.49	3.17	3331	12	155.88	0.58	7	(δ1 1.00)
04305+4709	13	0.65	0.62	-0.00	3.66	3331	67	157.03	-0.32	3	(λ24 1.00)
04307+6210	11	-2.37	0.47	0.07	0.06	3333	99	145.97	9.90	33	(α0 1.00)
04311-0004	12	-0.36	0.65	-0.22	0.24	3332	94	195.55	-30.19	6	(λ30 1.00)
04312+1007	33	1.09	0.82	-0.19	1.61	3331	63	186.07	-24.42	2	(β7 1.00)
04317-0820	12	0.05	0.09	-0.11	2.55	3331	7	204.10	-34.18	8	(δ0 1.00)
04320+2938	22	0.17	0.54	-0.06	1.74	3331	0	170.26	-11.92	6	(λ25 1.00)
04321+1705	23	1.15	-0.02	0.01	2.63	3311	17	180.25	-19.99	4	(δ3 1.00)
04324+5106	11	0.89	4.12	3.61	1.10	3333	69	154.35	2.61	4	(γ0 1.00)
04328+2824	11	-0.71	0.59	-0.12	0.38	3331	12	171.31	-12.60	9	(λ30 1.00)
04330+1624	21	-3.48	-0.09	-0.06	-0.40	3333	1	180.97	-20.25	148	(δ0 1.00)
04330-6307	12	-0.20	0.44	-0.14	0.58	3333	9	273.99	-39.41	6	(λ25 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
04332+4109	23	0.68	-0.09	0.08	1.97	3331	2	161.76	-4.03	4	(δ2 1.00)
04340+4623	22	-0.34	1.33	0.44	1.35	3331	95	158.00	-0.40	6	(λ20 1.00)
04344+3231	13	0.49	0.65	0.01	3.18	3331	14	168.40	-9.63	4	(λ7 1.00)
04345-2740	22	-0.22	0.70	-0.08	0.40	3333	0	227.21	-40.47	7	(λ30 1.00)
04352+6602	12	-0.41	0.21	0.59	0.74	3333	98	143.33	12.82	11	(δ0 1.00)
04353-7813	13	0.51	0.63	-0.19	1.15	3331	1	291.23	-33.38	4	(λ25 1.00)
04355+0814	12	-0.99	0.63	-0.14	0.28	3333	14	188.44	-24.67	13	(λ30 1.00)
04357+4323	23	0.47	0.28	0.17	1.63	3331	76	160.43	-2.18	4	(α5 1.00)
04358-1424	23	0.76	-0.09	0.01	3.36	3331	31	211.32	-35.90	5	(δ2 1.00)
04365+6349	22	0.17	0.67	0.31	0.87	3333	30	145.15	11.48	5	(α4 1.00)
04369+4501	23	0.36	0.72	0.21	2.83	3331	37	159.35	-0.94	4	(α0 1.00)
04372+3011	22	0.22	0.43	-0.33	1.87	3331	99	170.60	-10.71	3	(λ24 1.00)
04380+4005	33	0.76	0.69	0.09	2.84	3331	15	163.17	-4.07	4	(λ7 0.99)
04382-1417	11	-1.42	0.83	-0.11	0.28	3333	66	211.48	-35.33	14	(λ34 1.00)
04382-1946	12	-0.95	0.06	-0.06	0.05	3333	50	217.79	-37.36	20	(δ0 1.00)
04382-8454	23	1.36	0.15	0.10	2.02	3331	34	298.05	-30.06	4	(δ3 1.00)
04387-3819	11	-1.87	0.63	-0.25	-0.06	3333	86	241.32	-41.32	17	(λ34 1.00)
04395+3601	11	-3.05	2.49	1.81	-0.10	3333	23	166.45	-6.53	30	(γ0 1.00)
04396+0647	12	-0.60	1.03	0.06	0.14	3333	98	190.40	-24.66	8	(λ34 1.00)
04403+4322	33	1.19	0.47	0.16	2.31	3331	96	161.00	-1.58	2	(α2 1.00)
04404-7427	11	-0.89	1.26	-0.25	-0.13	3333	99	286.97	-34.74	8	(β0 1.00)
04409+2514	23	0.77	0.16	0.05	3.51	3321	4	175.00	-13.26	5	(δ5 0.79)
04410+2040	13	0.54	0.75	0.02	1.26	3331	0	178.68	-16.12	4	(λ24 1.00)
04419+3249	22	-0.04	0.16	-0.02	3.05	3331	18	169.22	-8.23	7	(δ0 1.00)
04420-1245	23	0.86	0.50	0.09	1.53	3332	4	210.24	-33.87	3	(λ2 1.00)
04424-0242	23	1.17	0.68	0.02	1.40	3331	0	199.82	-29.14	3	(λ2 1.00)
04430-2356	23	0.81	0.67	0.12	0.94	3331	11	223.23	-37.63	3	(λ27 1.00)
04439+3921	23	0.40	0.46	0.24	1.09	3331	79	164.47	-3.69	4	(λ7 1.00)
04440+2605	12	0.25	1.32	0.77	0.05	3332	82	174.78	-12.19	4	(ε1 1.00)
04445+4733	23	0.93	1.04	0.07	1.50	3332	8	158.32	1.72	3	(η0 1.00)
04445+6125	23	0.63	0.08	0.09	3.35	3331	21	147.63	10.64	5	(δ8 1.00)
04449+4951	22	-0.45	0.39	0.13	0.62	3331	39	156.60	3.26	8	(λ25 1.00)
04458+2837	23	1.11	0.30	0.22	2.34	3331	17	173.04	-10.27	4	(δ2 0.96)
04459+6804	12	-1.31	0.17	0.34	0.82	3333	7	142.39	14.92	17	(λ25 1.00)
04465+3724	23	0.89	0.03	0.45	2.33	3331	5	166.30	-4.57	5	(δ2 1.00)
04472+2801	23	1.41	0.11	-0.06	2.84	3321	6	173.70	-10.42	2	(δ3 1.00)
04473+6325	12	0.21	0.12	-0.04	2.85	3331	0	146.25	12.15	7	(δ0 1.00)
04481-5645	23	1.38	-0.00	0.20	2.11	3311	0	265.41	-39.04	3	(δ8 1.00)
04483+2826	11	-0.17	0.33	1.35	0.69	3333	6	173.53	-9.96	8	(λ25 1.00)
04488+2855	23	0.87	0.53	-0.05	1.69	3331	1	173.22	-9.58	3	(λ10 1.00)
04491+3825	13	0.58	0.73	0.64	2.49	3331	15	165.85	-3.52	5	(λ25 0.99)
04492+3637	23	0.85	0.21	2.47	1.93	3332	12	167.25	-4.65	4	(δ2 1.00)
04497+1410	11	-1.20	0.06	0.20	0.91	3333	17	185.43	-18.39	19	(δ0 1.00)
04504+4949	13	0.47	0.21	0.26	1.48	3331	88	157.20	3.92	4	(α5 1.00)
04505-1006	23	0.67	1.70	-0.27	0.16	3331	97	208.47	-30.83	3	(β6 1.00)
04525+3028	22	0.05	2.18	2.73	1.19	3333	79	172.50	-7.98	5	(ε2 1.00)
04528+5902	23	0.26	-0.04	-0.16	3.28	3331	2	150.17	9.96	6	(δ5 1.00)
04530+4427	11	-1.37	1.29	0.36	-0.13	3333	12	161.64	0.88	9	(λ20 1.00)
04536+5726	13	0.80	0.70	0.02	1.89	3331	80	151.52	9.05	3	(λ18 1.00)
04537+3305	11	-1.22	-0.01	-0.02	0.68	3332	0	170.59	-6.16	24	(δ0 1.00)
04547+4753	22	1.09	3.80	3.48	1.13	3333	1	159.14	3.26	4	(γ0 1.00)
04554+4437	22	0.03	1.09	-0.47	1.16	3331	29	161.79	1.31	5	(β0 1.00)
04559+0138	23	0.86	0.01	0.09	3.08	3331	23	197.56	-24.02	5	(δ2 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
04560-0608	13	-0.37	0.80	-0.22	-0.14	3332	80	205.11	-27.83	6	(β1 1.00)
04566+5606	11	-4.41	0.53	0.19	-0.25	3333	99	152.84	8.57	169	(β0 1.00)
04566-7500	23	1.37	0.06	0.52	1.73	3332	37	287.12	-33.55	3	(δ3 1.00)
04573-1452	11	-2.82	0.28	0.26	-0.03	3332	97	214.32	-31.33	48	(α0 1.00)
04575+1251	12	-1.68	1.47	-0.11	-0.01	3333	99	187.71	-17.57	12	(β11 1.00)
04579+4956	23	1.17	0.26	0.44	2.08	3331	40	157.87	4.93	3	(λ18 1.00)
04589+4100	12	-0.42	-0.01	0.11	0.56	3332	1	165.02	-0.43	11	(δ0 1.00)
04595+5033	13	-0.18	0.35	0.47	1.02	3332	6	157.52	5.52	7	(λ25 1.00)
04599+1514	23	1.04	0.28	0.99	1.11	3331	22	186.00	-15.74	3	(δ6 0.98)
05019+5634	33	0.98	0.40	0.04	2.06	3331	7	152.90	9.43	3	(δ6 1.00)
05027-2158	12	-1.86	0.86	-0.23	0.25	3333	97	222.67	-32.72	23	(λ30 1.00)
05028+0106	11	-2.03	0.18	0.48	0.22	3333	11	199.01	-22.82	31	(α0 1.00)
05031+3447	23	0.88	0.02	0.28	2.15	3331	47	170.45	-3.58	5	(δ3 1.00)
05031+3519	23	0.98	0.72	-0.04	2.04	3332	98	170.02	-3.25	3	(λ18 1.00)
05033-2226	12	-0.76	0.16	-0.29	0.29	3331	0	223.25	-32.73	14	(δ0 1.00)
05036-4938	13	0.91	0.03	0.25	1.55	3321	0	256.17	-37.28	5	(δ5 1.00)
05040+0028	23	0.60	0.89	0.55	0.54	3333	0	199.76	-22.87	4	(δ8 1.00)
05044-0325	22	0.84	2.73	3.83	1.65	3333	7	203.53	-24.70	5	(ζ0 1.00)
05045+3745	33	1.43	0.57	-0.24	3.97	3321	16	168.25	-1.56	3	(λ16 1.00)
05052-8420	11	-2.50	0.83	-0.24	-0.00	3333	99	297.14	-29.75	28	(β1 1.00)
05054+6836	13	0.35	0.58	-0.04	1.19	3331	0	143.03	16.68	5	(λ25 1.00)
05055-1239	13	1.28	0.09	0.08	3.79	3321	8	212.91	-28.61	2	(λ18 1.00)
05056+3856	13	0.54	0.23	0.47	3.22	3331	9	167.44	-0.67	4	(α4 0.99)
05062+6658	12	0.16	1.12	-0.37	0.34	3331	0	144.49	15.85	4	(β8 1.00)
05067+2942	23	0.43	0.34	0.24	1.25	3331	75	174.98	-6.01	3	(λ18 0.91)
05069-3434	11	-1.36	0.51	0.17	0.34	3333	4	237.63	-35.17	19	(λ25 0.99)
05071-6327	12	-0.34	0.02	-0.10	0.67	3331	0	273.25	-35.61	11	(δ0 1.00)
05073+5248	11	-2.26	1.77	0.43	-0.13	3333	99	156.44	7.84	34	(ε1 1.00)
05073-0534	23	0.94	0.45	0.48	0.93	3331	5	206.01	-25.08	3	(λ7 1.00)
05084+2950	23	0.99	0.04	0.18	2.15	3311	13	175.10	-5.63	4	(δ4 1.00)
05088+1559	23	1.04	0.05	-0.03	2.23	3321	0	186.63	-13.57	4	(δ8 1.00)
05090-1154	11	-2.49	0.67	-0.16	-0.05	3332	75	212.55	-27.51	58	(λ25 1.00)
05091+4639	22	0.54	1.14	-0.05	2.33	3331	99	161.62	4.45	3	(β9 1.00)
05096-4834	11	-2.11	0.71	-0.08	0.08	3333	99	254.84	-36.29	22	(β8 1.00)
05097-4538	22	0.21	0.87	-0.19	0.70	3231	12	251.21	-36.12	5	(λ12 1.00)
05098-6422	11	-1.57	1.03	0.23	0.17	3333	99	274.30	-35.16	15	(β8 1.00)
05104+2055	12	-1.26	0.45	0.32	0.74	3333	99	182.68	-10.45	11	(λ30 1.00)
05106+4520	23	0.77	0.84	0.32	1.19	3332	16	162.83	3.88	4	(λ24 1.00)
05120-0037	12	-0.06	0.05	0.13	0.69	3331	2	201.88	-21.68	8	(δ1 1.00)
05121+4929	22	0.56	0.17	0.33	1.52	3331	0	159.60	6.51	5	(δ1 1.00)
05121-0815	12	-0.41	0.09	0.05	2.21	3331	7	209.24	-25.25	11	(δ0 1.00)
05130+4556	11	-2.30	0.02	-0.15	-0.18	3332	17	162.59	4.57	52	(δ0 1.00)
05131+1155	12	-0.24	0.21	0.72	1.90	3331	7	190.72	-14.93	7	(α5 1.00)
05131+3039	23	0.94	0.59	-0.12	2.06	3331	38	175.03	-4.33	3	(λ18 1.00)
05131+4530	22	0.02	2.17	0.59	-0.59	3333	99	162.95	4.33	7	(ζ4 1.00)
05132+5331	11	-3.03	0.56	-0.39	0.30	3333	99	156.37	8.97	49	(λ30 1.00)
05136+4712	12	-0.68	0.71	0.15	-0.16	3331	56	161.61	5.39	8	(α0 1.00)
05144+1229	23	1.01	0.56	0.03	3.95	3331	99	190.41	-14.37	3	(β7 1.00)
05146+2521	23	0.38	1.01	-0.30	1.31	3331	99	179.57	-7.12	4	(β9 0.97)
05146+4244	12	-0.66	0.00	0.05	0.83	3331	0	165.38	2.95	13	(δ0 1.00)
05147+4627	23	0.84	0.45	0.42	1.82	3332	95	162.34	5.11	2	(λ17 1.00)
05149+3319	23	0.91	-0.10	0.14	4.36	3321	33	173.07	-2.48	4	(δ4 0.94)
05149+3511	22	-0.38	0.20	0.18	2.99	3331	99	171.55	-1.39	8	(λ25 0.95)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
05150-4056	12	0.34	1.08	0.26	-0.32	3332	99	245.60	-34.67	5	(β1 1.00)
05151+6312	11	-2.66	0.86	-0.19	-0.09	3333	99	148.29	14.56	32	(β0 1.00)
05154-6359	23	1.07	0.87	-0.36	1.48	3331	8	273.71	-34.62	3	(λ10 1.00)
05157+6236	33	1.05	0.03	0.00	1.93	3311	13	148.85	14.29	5	(δ2 1.00)
05158+3544	33	1.21	0.23	0.50	2.61	3331	13	171.21	-0.93	4	(δ4 0.99)
05159+2442	23	0.84	0.77	0.62	0.87	3331	9	180.28	-7.24	3	(α6 0.99)
05167+3544	23	1.30	0.05	0.23	3.24	3311	0	171.33	-0.77	3	(δ3 1.00)
05174-2510	13	0.67	0.12	-0.05	1.51	3331	7	227.50	-30.54	4	(δ1 1.00)
05174-3345	12	0.04	0.49	-0.23	0.70	3331	10	237.22	-32.88	6	(λ25 1.00)
05176+3502	22	0.32	0.91	1.03	2.05	3311	3	171.99	-1.03	4	(λ34 1.00)
05176-1755	12	-0.29	0.95	-0.04	0.07	3333	0	219.72	-28.00	5	(λ34 1.00)
05184+4208	22	0.55	1.17	-0.42	3.09	3331	37	166.26	3.18	3	(β3 1.00)
05185+0718	13	0.76	0.12	0.99	4.07	3331	0	195.51	-16.27	4	(δ2 1.00)
05185+3227	12	-0.97	0.24	-0.09	1.39	3331	99	174.22	-2.35	12	(α0 1.00)
05187+4700	23	0.53	0.62	-0.12	1.34	3331	98	162.29	5.99	3	(λ6 1.00)
05191+0258	33	1.24	0.67	0.01	2.16	3332	8	199.49	-18.35	2	(λ16 0.99)
05191-4334	33	0.86	0.34	0.04	1.40	3331	10	248.90	-34.27	3	(λ7 0.90)
05192+3849	23	0.92	0.59	0.20	3.77	3331	0	169.07	1.40	3	(λ16 1.00)
05195+0834	33	1.24	0.26	1.75	3.27	3311	92	194.52	-15.39	2	(α2 1.00)
05195-1558	23	0.37	1.11	-0.17	0.52	3331	99	217.88	-26.84	3	(β4 1.00)
05199-0842	23	1.38	0.06	0.16	3.52	3331	2	210.63	-23.72	3	(δ6 1.00)
05208-0436	13	0.38	0.88	-0.20	2.73	3331	21	206.79	-21.65	4	(λ27 1.00)
05208-2035	33	1.18	1.53	0.57	0.37	3333	14	222.85	-28.27	2	(β7 1.00)
05214+4001	33	1.25	0.12	0.45	2.10	3331	21	168.33	2.43	3	(α3 1.00)
05217-3943	12	-0.13	1.02	-0.15	0.27	3331	7	244.40	-33.22	6	(λ12 1.00)
05220-0611	12	-0.51	0.85	-0.30	1.25	3333	79	208.43	-22.13	8	(λ30 1.00)
05223+4704	11	-0.86	0.58	0.14	0.24	3333	98	162.57	6.54	8	(λ30 1.00)
05227+3820	12	-1.04	0.28	0.20	2.31	3331	51	169.87	1.69	13	(α0 1.00)
05231+5004	12	-0.05	0.78	-0.21	1.10	3332	95	160.13	8.31	5	(λ30 1.00)
05236+3200	23	0.53	0.80	0.02	2.20	3331	25	175.20	-1.73	4	(λ10 1.00)
05237+4839	23	0.88	0.86	-0.14	1.24	3331	17	161.38	7.61	3	(λ18 1.00)
05238+3406	11	-1.89	0.08	0.29	1.32	3332	79	173.49	-0.51	28	(α0 1.00)
05239+2952	23	0.82	0.41	0.27	1.84	3331	0	177.01	-2.86	5	(δ2 1.00)
05242+2303	22	0.33	0.75	0.02	2.65	3331	59	182.73	-6.59	5	(λ12 1.00)
05251-1244	21	-0.33	3.35	1.17	-0.19	3333	0	215.21	-24.28	6	(γ0 1.00)
05254+6301	13	0.61	0.08	0.01	1.77	3331	2	149.08	15.46	4	(δ8 0.99)
05255+3900	22	0.33	0.45	0.12	3.10	3331	7	169.62	2.52	5	(λ25 1.00)
05261+4626	13	0.29	0.69	0.23	0.50	3331	42	163.47	6.73	4	(α5 1.00)
05261-2047	12	0.36	-0.05	-0.24	1.57	3331	13	223.56	-27.20	6	(δ1 1.00)
05265-0443	11	-1.82	0.63	0.09	0.33	3333	8	207.60	-20.45	28	(λ30 1.00)
05281+1831	12	0.33	0.43	1.54	1.58	3333	0	187.06	-8.32	5	(λ7 1.00)
05288+3318	33	1.37	1.11	0.41	1.91	3331	29	174.74	-0.08	2	(β7 1.00)
05292+0734	12	0.14	0.44	-0.02	2.90	3331	74	196.69	-13.86	5	(λ25 1.00)
05292+1833	11	-1.77	0.32	-0.17	0.82	3331	1	187.18	-8.07	36	(δ0 1.00)
05294-3530	13	0.76	-0.04	0.44	1.27	3332	29	239.89	-30.88	4	(δ2 0.79)
05295+6501	23	0.43	1.05	-0.19	1.21	3332	19	147.52	16.85	4	(λ21 1.00)
05300+1301	13	0.62	0.25	0.35	4.80	3331	0	192.04	-10.85	4	(δ8 1.00)
05305+3029	11	1.01	3.69	3.20	1.09	3333	12	177.29	-1.34	3	(γ0 1.00)
05307+4105	23	1.21	0.01	0.23	2.56	3331	14	168.43	4.50	2	(η1 0.99)
05315+5452	23	1.18	0.59	0.10	1.45	3331	39	156.69	11.94	3	(λ18 1.00)
05316+1757	13	0.32	0.46	0.34	2.29	3331	98	187.99	-7.91	4	(α5 1.00)
05322+6723	23	1.13	0.55	-0.23	2.18	3311	34	145.47	18.22	3	(λ11 1.00)
05324+5423	23	1.08	0.01	-0.12	2.37	3311	18	157.19	11.82	4	(δ2 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
05325+0840	13	0.03	0.09	-0.38	2.29	3331	54	196.16	-12.59	8	(δ1 1.00)
05327+3800	23	0.63	0.46	0.26	1.84	3331	0	171.23	3.14	4	(δ8 1.00)
05342+1025	33	1.11	0.17	-0.15	3.97	3311	49	194.83	-11.33	4	(δ3 1.00)
05342+4439	23	1.05	0.36	0.20	1.83	3331	20	165.76	6.96	3	(α6 1.00)
05345+3157	12	0.91	2.03	5.02	1.66	3333	0	176.52	0.18	4	(ζ1 1.00)
05345-4406	22	0.73	1.22	-0.03	0.47	3331	99	249.98	-31.59	3	(λ21 1.00)
05346+2106	23	1.33	0.73	0.62	1.52	3331	39	185.68	-5.64	2	(α2 1.00)
05351-0147	12	-1.32	0.82	-0.39	2.66	3331	99	205.91	-17.20	11	(β8 1.00)
05354+2458	12	-1.41	0.95	0.13	0.28	3333	0	182.52	-3.41	13	(λ34 1.00)
05358-0704	11	-0.67	2.52	2.17	0.89	3333	7	210.93	-19.45	7	(ζ0 1.00)
05359-7346	13	0.02	0.13	-0.08	1.05	3331	6	284.90	-31.30	8	(δ0 0.73)
05361+4644	11	-2.05	1.59	0.73	-0.01	3333	27	164.14	8.33	18	(ζ4 1.00)
05363-5540	13	1.05	0.75	0.11	1.40	3331	99	263.59	-32.42	5	(δ4 1.00)
05365-1404	12	-0.98	0.68	0.13	0.62	3333	0	217.78	-22.30	13	(λ30 1.00)
05367+3736	11	-1.84	0.86	-0.23	0.20	3333	99	171.99	3.59	20	(β8 1.00)
05368+2841	12	-0.11	0.75	0.25	0.98	3331	98	179.54	-1.16	5	(λ30 1.00)
05373-0810	12	-0.13	0.16	0.33	4.32	3331	4	212.15	-19.63	7	(δ0 1.00)
05374+3153	12	-0.47	0.86	0.25	0.34	3331	6	176.90	0.67	8	(λ30 0.99)
05377+1346	12	-0.84	0.24	0.22	1.98	3331	92	192.37	-8.86	11	(α0 1.00)
05378+2804	11	-0.88	0.86	-0.11	0.60	3331	0	180.18	-1.29	11	(λ30 1.00)
05380-0728	21	0.00	2.81	2.68	1.32	3332	27	211.58	-19.16	8	(ζ3 1.00)
05383+1216	13	-0.28	0.36	0.19	1.15	3332	42	193.75	-9.51	7	(α5 1.00)
05384+1729	23	1.05	0.04	0.09	2.10	3321	6	189.25	-6.78	4	(δ4 1.00)
05384+3854	12	-0.84	0.57	0.15	0.25	3333	38	171.07	4.57	10	(λ30 1.00)
05388+3200	11	-1.53	0.75	0.17	-0.02	3333	99	176.96	0.99	16	(λ30 1.00)
05390+1448	12	-0.22	0.92	-0.63	2.33	3331	6	191.64	-8.06	5	(β8 1.00)
05390-0409	12	0.09	0.60	0.09	4.09	3331	98	208.58	-17.42	5	(λ25 1.00)
05393-2048	23	0.22	0.80	-0.14	0.19	3332	27	224.82	-24.32	5	(λ28 1.00)
05394-0856	33	1.32	0.70	-0.05	5.72	3321	6	213.13	-19.48	3	(α1 1.00)
05404-2343	11	-1.06	0.81	-0.20	0.02	3333	99	227.91	-25.12	10	(λ34 1.00)
05405+3240	11	-2.10	1.09	0.46	-0.17	3333	99	176.59	1.64	33	(λ20 1.00)
05408+4249	13	0.61	0.57	0.17	1.31	3331	92	167.95	7.02	3	(λ7 1.00)
05411+6957	11	-3.63	0.83	-0.35	-0.20	3333	99	143.43	20.09	91	(β1 1.00)
05411-8625	11	-1.26	0.75	-0.08	-0.01	3333	99	299.11	-28.39	15	(λ30 1.00)
05412+0308	23	1.08	0.73	0.15	4.04	3331	88	202.18	-13.47	3	(λ31 1.00)
05414-3326	23	0.97	0.07	-0.13	1.95	3331	0	238.32	-27.97	3	(δ5 1.00)
05418-3224	11	-0.86	0.58	-0.13	-0.01	3333	99	237.23	-27.59	9	(α0 1.00)
05418-4628	11	-0.75	0.25	0.58	0.79	3333	37	252.95	-30.68	11	(δ0 1.00)
05421+2424	23	-0.24	0.10	0.52	0.94	3331	2	183.81	-2.43	8	(δ1 1.00)
05423+2905	12	-0.61	1.30	0.46	1.17	3331	99	179.83	0.07	9	(β0 1.00)
05424+4414	12	0.40	0.78	0.22	0.81	3331	99	166.88	7.99	5	(α0 1.00)
05426+2040	11	-1.77	0.43	0.42	-0.14	3333	5	187.05	-4.27	25	(α0 1.00)
05428+1215	12	0.66	0.49	0.31	2.95	3331	98	194.33	-8.60	4	(λ28 0.99)
05429-0415	23	0.85	0.46	0.57	4.54	3321	2	209.14	-16.60	3	(λ7 1.00)
05434+5631	33	0.99	1.28	-0.27	0.90	3331	12	156.09	14.23	2	(β2 1.00)
05438+0217	22	0.09	0.97	-0.30	3.45	3331	3	203.27	-13.32	4	(β2 1.00)
05439-6743	13	0.91	0.49	0.64	4.03	3311	35	277.78	-31.34	3	(δ5 0.98)
05440+4311	11	-0.56	0.94	-0.12	-0.07	3332	99	167.93	7.70	8	(α0 1.00)
05441-2339	13	-0.10	0.05	-0.10	0.88	3331	15	228.18	-24.31	8	(δ0 1.00)
05443-7516	23	0.80	0.44	-0.20	1.48	3331	0	286.53	-30.52	4	(δ8 1.00)
05447+1321	13	0.32	0.89	0.37	2.12	3331	98	193.62	-7.62	4	(α0 1.00)
05447+3202	23	0.38	0.03	0.09	1.53	3331	99	177.60	2.06	3	(α4 1.00)
05449+3036	13	0.78	0.32	0.64	1.18	3331	17	178.83	1.35	3	(α6 0.99)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
05449-1249	23	0.85	0.13	0.21	1.95	3331	5	217.46	-19.94	6	(δ8 1.00)
05450-3142	12	-0.57	0.67	-0.36	0.43	3333	98	236.69	-26.74	8	(λ30 1.00)
05452+2001	13	0.64	1.02	0.15	2.44	3331	99	187.94	-4.09	4	(α5 1.00)
05459-4136	23	1.18	0.09	-0.19	2.22	3331	28	247.58	-29.08	3	(δ5 1.00)
05463+2805	13	0.54	0.46	0.15	1.69	3331	86	181.15	0.29	4	(α4 1.00)
05465+1311	13	0.48	0.52	0.45	1.37	3332	15	193.99	-7.34	4	(λ7 1.00)
05472-3220	23	0.43	0.79	-0.37	0.92	3331	89	237.53	-26.48	4	(λ24 1.00)
05476+3717	12	0.06	0.07	-0.22	1.56	3331	31	173.39	5.27	8	(δ0 0.90)
05479+5721	13	0.23	0.50	0.22	0.55	3331	74	155.62	15.16	4	(α5 1.00)
05480+3908	13	0.96	-0.06	0.05	2.12	3331	4	171.84	6.28	5	(δ2 1.00)
05481+3206	23	0.63	0.07	0.14	1.91	3331	27	177.91	2.72	7	(δ2 1.00)
05486-2912	23	0.96	0.80	-0.21	1.08	3332	98	234.31	-25.24	3	(λ10 1.00)
05490+6300	22	0.32	0.73	-0.09	1.00	3331	8	150.42	17.80	5	(λ25 1.00)
05491-2053	23	0.83	0.06	-0.07	1.77	3331	6	225.83	-22.22	5	(δ5 1.00)
05491-3546	23	0.01	-0.03	-0.11	1.08	3331	20	241.34	-27.06	8	(δ1 1.00)
05493+3354	23	1.00	0.12	0.21	2.13	3321	50	176.49	3.85	4	(δ6 1.00)
05495+2520	23	0.76	0.68	0.25	3.43	3331	94	183.88	-0.50	3	(α4 1.00)
05500+6458	33	0.89	0.70	0.01	1.41	3331	9	148.60	18.75	4	(λ31 1.00)
05508+3930	13	-0.18	0.65	-0.20	0.82	3331	9	171.80	6.94	7	(λ25 1.00)
05513-1024	12	0.52	1.98	1.98	1.77	3332	0	215.87	-17.49	3	(ζ4 1.00)
05518-0105	23	1.27	0.14	-0.02	3.85	3311	0	207.29	-13.17	3	(λ15 0.99)
05521-2242	23	0.82	0.26	0.34	1.13	3331	58	227.93	-22.26	3	(α4 1.00)
05522-0734	23	0.95	0.75	0.06	2.02	3331	43	213.32	-16.04	2	(λ18 1.00)
05524+0723	21	-5.55	0.48	-0.03	-0.12	3333	24	199.79	-8.96	793	(λ12 1.00)
05528+2010	21	-3.45	0.51	-0.17	0.01	3333	3	188.71	-2.49	77	(β8 1.00)
05532-3957	23	1.14	0.07	0.10	1.89	3331	16	246.12	-27.35	3	(δ5 0.99)
05533+3022	13	0.61	1.27	0.83	0.11	3333	2	179.97	2.79	3	(λ24 0.99)
05534+4530	11	-1.67	0.75	-0.34	0.19	3333	15	166.75	10.30	15	(β8 1.00)
05535+3534	12	-0.41	0.08	0.08	1.04	3331	58	175.49	5.44	12	(δ0 1.00)
05535+4822	11	-0.40	1.07	-0.12	0.23	3332	99	164.20	11.70	6	(β0 1.00)
05539+2016	22	0.48	0.87	0.09	2.69	3331	23	188.75	-2.21	4	(λ12 1.00)
05540+2250	12	-0.31	0.43	-0.01	1.16	3331	49	186.56	-0.89	8	(λ25 1.00)
05543+5002	12	-0.11	1.15	0.15	0.66	3333	99	162.75	12.60	6	(β0 1.00)
05550+0242	23	1.22	0.14	0.52	4.38	3331	34	204.27	-10.67	3	(δ6 1.00)
05554+5416	23	0.96	-0.04	-0.14	2.06	3321	2	158.95	14.69	4	(δ2 1.00)
05559+3825	11	-1.55	1.00	-0.29	-0.10	3333	99	173.24	7.27	13	(β0 0.97)
05559+7430	11	-2.14	0.85	-0.08	-0.13	3333	99	139.40	22.90	20	(λ34 1.00)
05561-5925	12	0.10	0.40	0.45	0.32	3332	25	268.14	-29.97	6	(λ25 1.00)
05562+4556	12	-1.45	0.08	-0.03	0.18	3333	0	166.60	10.94	27	(δ0 1.00)
05568+2448	23	1.16	0.08	0.49	2.81	3322	13	185.17	0.64	3	(δ2 1.00)
05573+3156	32	1.38	3.51	2.44	1.44	3333	4	179.04	4.30	3	(γ0 1.00)
05574-4234	12	0.19	0.92	-0.07	0.26	3331	0	249.19	-27.20	5	(λ12 1.00)
05575-0304	23	1.03	-0.04	0.03	2.58	3321	29	209.79	-12.83	4	(δ2 1.00)
05576+3940	12	-0.61	0.21	0.31	0.42	3331	99	172.30	8.16	7	(α0 1.00)
05576-4249	13	0.94	-0.01	-0.24	2.12	3321	8	249.46	-27.23	4	(δ5 1.00)
05580+2224	23	0.62	1.03	0.55	1.07	3331	25	187.39	-0.31	3	(λ24 1.00)
05585+2927	33	1.61	0.41	1.78	1.11	3333	15	181.33	3.29	3	(δ4 1.00)
05587+1040	12	0.24	0.88	0.11	0.48	3331	3	197.68	-6.00	4	(λ34 1.00)
05588+1054	12	-0.37	0.67	0.06	0.58	3332	18	197.49	-5.85	8	(λ30 1.00)
05592+4627	23	0.72	0.67	0.20	1.38	3333	82	166.38	11.65	3	(α4 0.60)
05597-2106	23	1.16	1.04	-0.23	1.28	3331	0	227.05	-20.03	3	(λ22 1.00)
06001-0503	23	1.04	0.74	1.53	1.15	3333	18	211.91	-13.15	2	(β13 1.00)
06005+1344	13	0.44	0.63	0.26	1.33	3332	86	195.22	-4.10	4	(λ24 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
06011+2829	12	-0.95	0.83	-0.00	-0.00	3331	93	182.46	3.30	9	(β1 1.00)
06012+0726	11	-2.63	1.18	0.37	-0.29	3333	81	200.83	-7.03	31	(λ20 1.00)
06012-2616	23	1.20	0.07	-0.14	2.20	3321	30	232.33	-21.62	3	(α6 0.98)
06013+6733	23	0.12	0.16	0.17	0.80	3331	95	146.56	20.81	4	(α5 1.00)
06015-4301	13	1.01	0.48	0.34	1.11	3331	16	249.87	-26.58	3	(δ7 0.66)
06015-6005	12	0.50	0.14	-0.12	1.39	3331	1	268.96	-29.33	6	(δ8 0.91)
06027-1628	11	-1.76	0.81	0.14	-0.35	3333	13	222.87	-17.53	16	(β8 1.00)
06031+2931	13	0.63	0.06	-0.00	3.77	3331	0	181.78	4.20	4	(δ8 1.00)
06036-2411	11	-2.40	0.90	-0.42	-0.16	3333	12	230.46	-20.34	32	(β1 1.00)
06038-0541	12	-0.58	0.83	0.16	0.56	3333	35	212.92	-12.62	6	(β8 1.00)
06038-0705	23	0.47	0.60	-0.03	1.59	3331	80	214.19	-13.25	5	(λ7 1.00)
06039+0956	33	1.17	0.51	-0.02	1.97	3331	59	198.94	-5.24	3	(δ3 1.00)
06048-2148	12	-0.21	0.07	0.02	0.62	3331	5	228.22	-19.20	9	(δ0 1.00)
06053-0622	11	-3.05	3.91	3.14	1.58	3333	22	213.70	-12.60	85	(γ0 1.00)
06055-1909	13	0.42	0.02	-0.19	1.51	3331	17	225.72	-18.01	5	(δ1 1.00)
06057+3454	23	0.63	0.14	0.08	1.49	3331	2	177.30	7.28	6	(δ2 1.00)
06061+2151	12	0.93	4.26	3.86	1.36	3333	8	188.80	1.03	5	(γ0 1.00)
06061+4635	23	1.03	0.58	0.03	1.35	3331	25	166.82	12.76	3	(α6 1.00)
06065+4744	23	0.62	0.19	0.09	1.78	3331	13	165.78	13.34	6	(δ2 1.00)
06070+3337	23	1.23	0.74	0.09	2.00	3331	14	178.57	6.90	3	(α1 0.92)
06070-0619	23	2.45	3.34	4.55	1.73	3333	15	213.85	-12.19	3	(ζ0 1.00)
06073+1249	12	1.09	4.32	3.42	1.04	3333	15	196.83	-3.11	3	(γ0 1.00)
06079-5011	23	0.99	0.50	-0.09	1.51	3331	90	257.98	-27.05	3	(δ6 0.99)
06081+0346	23	0.31	0.75	0.31	1.45	3333	6	204.90	-7.29	4	(λ24 1.00)
06084-0611	11	0.05	4.93	3.82	1.43	3333	14	213.88	-11.84	9	(γ1 1.00)
06085-4020	23	0.04	0.08	-0.10	1.29	3331	6	247.37	-24.63	7	(δ0 1.00)
06086+1113	22	0.38	0.92	-0.01	1.31	3331	3	198.38	-3.60	4	(λ21 0.99)
06087+1928	23	1.02	0.41	0.17	4.47	3331	0	191.17	0.41	3	(λ1 1.00)
06088+1909	22	-0.82	0.64	0.49	2.13	3331	99	191.47	0.28	8	(α0 1.00)
06088+2152	12	-1.33	0.64	-0.20	2.89	3331	3	189.08	1.60	13	(β1 1.00)
06089+2313	23	1.01	0.15	0.28	4.72	3331	5	187.91	2.26	4	(δ2 1.00)
06089-0714	33	1.49	0.13	-0.01	3.29	3321	24	214.91	-12.18	3	(α3 1.00)
06090+3242	13	0.90	0.04	0.03	2.29	3331	4	179.58	6.84	4	(λ7 0.99)
06092+2255	11	-1.10	1.02	0.24	-0.05	3333	5	188.22	2.19	11	(β8 1.00)
06101+2039	23	0.73	0.91	-0.03	3.93	3331	14	190.30	1.27	3	(λ10 1.00)
06104+1524A	32	2.25	4.01	4.05	1.72	3332	16	194.93	-1.19	3	(γ0 1.00)
06105-2709	23	0.95	0.32	0.24	1.31	3331	89	234.00	-20.00	3	(δ7 1.00)
06106-1329	13	0.45	0.78	0.29	0.56	3331	90	220.88	-14.54	4	(α5 1.00)
06111-6534	12	-0.09	0.08	-0.17	0.92	3331	9	275.31	-28.64	9	(δ0 1.00)
06114+1745	22	0.82	3.11	4.36	1.39	3333	4	192.99	0.15	5	(ζ0 1.00)
06118+2231	11	-2.07	0.04	-0.09	1.55	3331	19	188.85	2.52	44	(δ0 1.00)
06121+1221	22	2.48	1.43	6.07	-2.99	2131	-1	197.81	-2.31	3	(ζ0 1.00)
06121+5645	12	0.10	0.10	-0.07	1.04	3321	6	157.65	17.87	7	(δ1 1.00)
06125+1746	23	1.16	0.56	-0.54	5.10	3311	0	193.10	0.37	3	(λ11 1.00)
06133+6132	22	-0.93	0.02	-0.10	0.30	3332	27	153.03	19.81	16	(δ0 1.00)
06139+3313	11	-1.44	0.81	-0.07	0.24	3333	2	179.60	7.99	14	(λ34 1.00)
06140-2729	11	-0.93	0.72	-0.14	-0.00	3333	18	234.64	-19.40	9	(λ34 1.00)
06149+0832	23	0.62	0.26	0.55	1.61	3333	19	201.49	-3.53	4	(δ7 1.00)
06153+5029	13	0.73	0.37	0.20	1.10	3331	1	163.84	15.80	3	(α5 1.00)
06157+3120	12	0.02	0.60	0.05	2.17	3331	72	181.47	7.45	4	(λ30 1.00)
06165-1500	23	1.17	0.07	0.04	1.98	3321	2	222.91	-13.90	2	(α6 1.00)
06168-2608	23	1.41	0.37	-0.05	2.01	3331	5	233.56	-18.32	2	(α2 1.00)
06169-1235	23	0.87	0.92	0.17	1.15	3331	6	220.72	-12.77	3	(λ27 0.99)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
06170+3523	13	0.23	1.05	-0.38	2.22	3331	99	177.94	9.55	5	(β4 1.00)
06172+1440	23	1.19	-0.07	0.20	4.26	3311	1	196.36	-0.12	4	(δ2 0.95)
06174-0255	23	0.28	0.06	-0.02	1.20	3331	21	211.97	-8.34	7	(δ1 1.00)
06175+2347	13	0.56	0.19	0.19	3.56	3331	47	188.35	4.28	4	(α5 1.00)
06175+5232	23	1.36	0.24	0.40	1.93	3331	78	162.03	16.94	3	(δ4 1.00)
06176-1036	11	-2.93	1.64	0.83	0.07	3333	19	218.97	-11.76	63	(ζ4 1.00)
06181+0406	11	-0.24	1.45	0.31	-0.49	3331	99	205.78	-4.93	5	(λ20 1.00)
06182+1355	12	0.14	1.25	-0.08	0.60	3331	8	197.13	-0.26	4	(β3 1.00)
06183+1135	21	-0.89	0.42	0.10	1.75	3331	97	199.19	-1.35	9	(α0 1.00)
06184+0235	23	0.90	0.14	-0.11	2.22	3321	21	207.16	-5.57	4	(δ8 1.00)
06192+0722	12	0.07	0.38	0.74	0.71	3333	0	203.02	-3.14	5	(α5 1.00)
06192+4657	12	-0.39	1.21	0.22	-0.24	3333	71	167.47	14.94	6	(λ20 1.00)
06193-0349	11	-1.21	1.19	0.29	-0.32	3333	99	213.00	-8.33	14	(β0 1.00)
06196-2409	23	0.98	0.78	0.54	0.58	3331	99	231.90	-16.98	3	(α5 1.00)
06197+0327	23	0.56	0.17	0.73	1.90	3332	26	206.55	-4.88	4	(δ5 1.00)
06199+2232	11	-2.58	0.01	-0.17	1.12	3331	1	189.73	4.17	75	(δ0 1.00)
06202+4743	23	1.13	0.17	0.35	1.53	3331	26	166.80	15.42	3	(λ32 1.00)
06202-0210	12	-0.99	0.39	0.18	0.20	3333	13	211.61	-7.39	14	(λ25 1.00)
06202-3324	23	1.37	0.05	-0.07	2.31	3321	13	241.03	-20.24	4	(δ3 0.92)
06206+0931	12	-0.27	0.57	0.22	0.24	3331	2	201.29	-1.83	7	(α0 1.00)
06210+0831	33	1.02	0.16	0.41	1.98	3331	18	202.22	-2.21	4	(δ7 1.00)
06210+4918	12	-0.48	0.67	0.19	0.36	3333	16	165.35	16.17	9	(λ25 1.00)
06212-0950	33	0.89	0.09	-0.13	3.98	3331	16	218.67	-10.63	5	(δ2 1.00)
06214+1414	23	0.85	0.77	0.20	1.48	3331	5	197.21	0.57	2	(λ18 1.00)
06214-1714	23	1.04	0.79	0.05	1.14	3331	92	225.52	-13.77	3	(α4 0.94)
06215-0015	23	0.93	0.91	0.16	1.03	3331	1	210.05	-6.21	3	(λ28 1.00)
06216-0004	12	-0.54	1.04	-0.24	0.91	3333	8	209.91	-6.10	7	(β11 1.00)
06216-2702	23	0.35	0.27	0.52	0.84	3333	28	234.86	-17.66	4	(α5 1.00)
06224+1701	12	-0.78	0.26	0.20	0.39	3332	99	194.88	2.10	10	(α0 1.00)
06224+5826	23	1.03	0.01	-0.03	2.25	3331	0	156.53	19.78	4	(δ2 0.96)
06225+1445	12	-0.49	0.30	0.52	0.78	3333	28	196.90	1.06	11	(δ0 1.00)
06226-0905	11	-1.61	0.32	0.31	0.54	3333	92	218.13	-9.98	22	(α0 1.00)
06227-6339	33	1.36	0.04	0.30	1.94	3321	5	273.28	-27.23	4	(δ5 1.00)
06228-5240	11	-1.84	-0.03	-0.15	-0.27	3333	3	261.21	-25.29	41	(δ0 1.00)
06229-2326	23	0.94	0.93	-0.11	1.28	3331	36	231.52	-15.99	3	(λ18 1.00)
06230-0930	21	-1.16	0.64	0.04	1.25	3331	0	218.56	-10.07	12	(α0 1.00)
06232+1906	23	0.67	0.30	0.56	1.35	3331	24	193.13	3.25	4	(δ7 1.00)
06237+4617	22	0.42	0.70	-0.14	0.78	3331	19	168.41	15.38	5	(λ28 1.00)
06238+0904	12	-0.29	0.84	0.40	0.60	3333	24	202.07	-1.34	6	(α0 1.00)
06241+1025	12	-0.29	0.91	-0.22	0.81	3332	99	200.89	-0.65	5	(β1 1.00)
06241-5148	23	0.85	0.20	-0.10	1.67	3331	0	260.34	-24.91	3	(δ6 0.98)
06242+2830	23	0.51	1.06	0.23	0.49	3331	99	184.86	7.79	3	(λ24 0.94)
06243-0752	23	0.86	0.58	-0.25	1.65	3331	26	217.23	-9.05	3	(λ17 1.00)
06248+1929	33	0.90	0.14	0.02	2.22	3331	69	192.96	3.76	3	(α1 1.00)
06250+6134	21	-0.34	1.20	0.05	0.51	3333	5	153.50	21.14	6	(ε1 1.00)
06255-4928	11	-0.92	1.09	-0.23	-0.17	3333	99	257.92	-24.13	8	(β0 1.00)
06259-1301	11	-1.78	1.54	-0.03	-0.45	3333	38	222.09	-10.98	16	(ε1 1.00)
06259-6031	23	0.99	0.74	-0.18	1.34	3331	7	269.87	-26.39	3	(λ31 1.00)
06261+1637	11	-0.44	0.78	0.38	0.76	3333	1	195.64	2.69	8	(λ30 1.00)
06261-3832	23	1.01	0.55	-0.08	1.46	3331	92	246.61	-20.84	2	(λ18 0.99)
06262-4003	33	1.15	0.37	0.01	1.69	3331	82	248.17	-21.32	3	(δ3 1.00)
06267+2033	13	0.35	0.27	0.21	1.33	3331	0	192.23	4.64	5	(α6 0.99)
06268+0849	11	-0.66	0.94	0.26	0.63	3333	99	202.63	-0.81	9	(λ30 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
06268-0804	23	0.96	0.14	-0.15	2.16	3331	5	217.68	-8.59	4	(α1 1.00)
06278+2729	11	-1.89	0.75	-0.33	0.04	3333	5	186.14	8.04	19	(β1 1.00)
06283+1028	21	-0.23	2.28	2.42	1.82	3333	85	201.34	0.29	5	(ζ4 1.00)
06291+0122	33	0.89	1.08	-0.09	2.50	3331	6	209.49	-3.76	2	(β5 1.00)
06291+4319	11	-1.44	0.75	-0.04	-0.49	3333	54	171.63	15.06	14	(λ30 0.99)
06295-3249	23	0.84	0.10	0.03	1.63	3331	9	241.18	-18.22	4	(δ1 0.97)
06297+4045	11	-1.40	1.47	0.23	-0.28	3333	93	174.11	14.12	12	(ε1 1.00)
06298-3654	23	0.83	0.09	0.13	1.54	3331	23	245.23	-19.61	4	(δ5 1.00)
06299+1011	22	1.23	1.58	4.53	2.29	3333	0	201.76	0.51	3	(ζ1 1.00)
06300+3137	12	-0.01	0.55	-0.16	0.52	3331	95	182.59	10.31	4	(β9 1.00)
06300+6058	11	-2.55	1.20	0.21	-0.07	3333	99	154.31	21.52	40	(β0 1.00)
06303+1021	23	0.88	2.08	3.71	1.52	3332	0	201.66	0.67	3	(η1 1.00)
06304+3738	23	0.81	1.24	-0.40	0.94	3331	20	177.09	12.95	3	(β3 1.00)
06304+6407	22	0.28	0.54	-0.15	0.81	3331	19	151.08	22.51	5	(λ7 0.84)
06308+0402	22	0.82	2.70	4.87	1.60	3333	0	207.32	-2.15	7	(ζ0 1.00)
06308+2819	23	0.82	0.62	-0.11	1.24	3331	0	185.68	9.00	4	(λ7 1.00)
06310-6650	11	-0.88	0.86	-0.46	-0.25	3333	19	276.94	-26.77	11	(λ12 1.00)
06311+4232	33	1.44	0.14	0.93	1.46	3331	8	172.53	15.09	3	(δ6 1.00)
06315+1606	11	-0.36	0.60	0.28	2.06	3331	24	196.70	3.60	6	(α0 1.00)
06318+7357	23	1.31	0.44	-0.02	2.02	3331	92	140.71	25.08	3	(λ2 1.00)
06318-3032	23	1.01	0.07	0.14	3.14	3331	26	239.14	-16.92	4	(δ1 0.99)
06319+0415	11	-1.11	3.26	2.90	1.15	3333	36	207.26	-1.81	8	(γ0 1.00)
06319+4539	13	0.27	0.24	0.03	1.22	3332	60	169.60	16.44	7	(δ1 1.00)
06319-0501	11	-0.64	1.81	0.92	0.05	3333	95	215.52	-6.08	8	(ζ4 1.00)
06323+3015	12	-0.11	0.69	0.14	0.08	3331	99	184.07	10.14	4	(α0 1.00)
06326-0128	13	0.67	0.21	-0.00	2.15	3331	22	212.43	-4.30	4	(δ5 1.00)
06329-0106	22	-0.15	1.32	-0.32	2.27	3331	99	212.15	-4.07	5	(β2 0.98)
06331+1415	12	0.29	0.76	0.37	1.17	3333	23	198.53	3.08	5	(λ24 0.99)
06331+3829	11	-2.28	0.28	0.42	0.44	3333	6	176.52	13.78	48	(α0 1.00)
06333-0520	12	-1.22	0.51	0.08	0.43	3333	73	215.95	-5.93	15	(λ30 1.00)
06341+5114	33	0.94	0.29	0.06	1.51	3331	29	164.30	18.84	4	(δ6 1.00)
06342+0328	11	-2.43	0.76	0.18	-0.05	3333	99	208.23	-1.67	36	(λ30 1.00)
06344-0124	21	0.00	1.46	0.54	1.60	3331	97	212.58	-3.87	4	(η0 1.00)
06344-3032	23	1.21	0.48	0.08	2.15	3331	7	239.35	-16.41	3	(λ1 1.00)
06345-1912	23	1.17	0.00	-0.06	2.15	3321	10	228.69	-11.80	4	(δ2 1.00)
06346+1444	23	0.61	1.08	0.17	0.77	3332	98	198.26	3.63	4	(β10 1.00)
06348+3114	13	0.23	0.82	0.31	0.03	3331	96	183.40	11.06	5	(λ30 0.93)
06348-2213	33	0.89	0.05	-0.14	1.94	3321	1	231.52	-13.00	4	(δ5 1.00)
06349-0121	12	-1.80	0.76	-0.00	0.28	3331	99	212.59	-3.73	16	(β8 1.00)
06353-5549	12	-0.48	0.65	-0.19	0.13	3332	68	265.05	-24.23	7	(λ30 1.00)
06358-0136	13	0.53	0.73	-0.18	5.99	3331	13	212.92	-3.65	4	(λ12 1.00)
06360+3335	33	0.52	0.31	0.47	1.48	3333	89	181.33	12.29	3	(α4 0.98)
06363+5954	11	-1.48	0.63	-0.29	0.11	3333	94	155.66	21.94	17	(β1 1.00)
06364+0846	11	-0.71	2.52	1.79	1.33	3333	9	203.76	1.27	6	(ζ0 1.00)
06366+1127	33	1.28	0.71	-0.00	4.44	3331	9	201.42	2.56	3	(λ1 1.00)
06369-1405	13	0.97	0.10	0.04	2.08	3331	0	224.26	-9.04	4	(δ2 1.00)
06378-0527	11	-0.09	0.85	0.47	0.12	3332	99	216.57	-4.97	7	(λ30 1.00)
06387+2800	23	0.74	0.94	0.00	0.93	3332	21	186.74	10.43	3	(λ27 1.00)
06387+5531	23	0.28	0.15	-0.16	1.20	3331	3	160.26	20.91	5	(δ1 1.00)
06389+3130	33	1.12	0.18	0.43	1.43	3331	35	183.54	11.95	3	(α6 1.00)
06391-2213	13	0.20	0.68	1.30	0.08	3333	8	231.95	-12.09	4	(λ12 1.00)
06392+3011	33	1.51	0.73	-0.13	1.83	3331	4	184.78	11.48	2	(δ4 1.00)
06397-5223	11	-0.78	0.61	-0.22	-0.18	3332	7	261.61	-22.73	11	(λ25 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
06398+0124	23	1.20	0.33	0.08	4.29	3321	41	210.70	-1.40	2	(α2 1.00)
06398-0936	22	-0.12	1.14	-0.35	0.18	3331	99	220.53	-6.41	6	(β1 1.00)
06401-7729	13	0.59	0.14	-0.00	1.39	3331	42	288.92	-27.18	4	(δ1 1.00)
06402-1857	22	0.31	0.82	0.10	0.89	3332	7	229.05	-10.46	4	(λ34 1.00)
06403-1424	12	-0.35	0.93	0.17	0.74	3333	6	224.91	-8.45	7	(β8 1.00)
06408+2510	12	-0.39	-0.04	0.04	0.65	3331	2	189.54	9.63	13	(δ0 1.00)
06408-2006	23	1.19	0.18	-0.17	4.02	3311	17	230.16	-10.82	4	(δ6 1.00)
06412-0105	11	0.77	4.20	3.34	0.96	3333	11	213.07	-2.23	4	(γ0 1.00)
06413+7702	23	0.38	0.06	0.15	1.09	3331	2	137.46	26.22	5	(δ1 1.00)
06420+0322	23	0.89	0.22	0.61	3.59	3331	4	209.21	0.01	4	(δ6 1.00)
06422+0053	23	1.03	0.26	1.24	2.81	3311	18	211.43	-1.09	3	(α4 1.00)
06423+0905	11	-0.67	0.72	-0.40	2.63	3331	38	204.16	2.71	8	(β1 1.00)
06426+1654	23	0.42	0.26	0.04	1.04	3331	2	197.21	6.34	4	(λ7 1.00)
06428+0805	13	0.49	1.12	0.05	2.98	3331	3	205.10	2.36	4	(λ21 1.00)
06429-1639	11	-1.76	-0.00	-0.22	0.33	3332	76	227.23	-8.89	48	(δ0 1.00)
06431+1543	22	-0.28	0.56	-0.25	1.32	3331	99	198.33	5.90	5	(β1 1.00)
06434-3628	11	-0.56	0.83	0.11	0.25	3333	78	245.85	-16.91	6	(β8 0.98)
06436-5054	23	1.29	0.27	0.20	1.74	3331	1	260.26	-21.74	3	(α6 1.00)
06439+3019	13	-0.08	0.53	-0.22	0.53	3331	0	185.09	12.44	7	(λ25 1.00)
06446+0135	23	0.94	0.26	0.16	2.20	3331	34	211.09	-0.25	3	(δ5 1.00)
06447+0817	22	0.31	0.85	0.24	2.47	3331	88	205.14	2.86	4	(α4 0.69)
06451-2016	12	-0.05	0.88	0.12	0.37	3331	5	230.75	-9.99	6	(λ12 1.00)
06452-0856	12	-0.01	0.20	0.04	2.42	3331	4	220.53	-4.93	8	(δ0 1.00)
06462-4157	11	-0.01	0.94	0.03	0.74	3333	9	251.41	-18.39	5	(λ34 1.00)
06465+1214	33	1.13	0.19	-0.12	2.65	3331	42	201.83	5.06	3	(η1 1.00)
06466-2022	23	1.36	0.29	0.17	2.27	3331	0	231.00	-9.71	2	(δ6 1.00)
06472+1207	23	1.15	0.04	0.27	2.66	3332	8	202.01	5.16	4	(δ3 1.00)
06475+1335	23	1.18	0.15	0.19	1.78	3321	13	200.72	5.90	3	(δ8 0.98)
06485-0748	23	1.01	0.45	-0.23	3.89	3331	91	219.90	-3.68	3	(λ7 0.99)
06486-5033	13	-0.20	0.05	-0.18	0.84	3331	10	260.16	-20.86	10	(δ0 1.00)
06487+0551	11	-0.93	0.65	0.23	0.29	3333	31	207.77	2.63	10	(α0 1.00)
06490+6104	23	0.20	0.23	0.08	0.95	3332	0	154.90	23.76	7	(δ1 1.00)
06491-0654	12	-0.99	1.43	0.20	-0.58	3333	14	219.15	-3.14	9	(ε1 1.00)
06492+0449	12	-0.50	0.54	-0.04	1.46	3331	20	208.75	2.28	9	(λ25 1.00)
06496-1858	11	-1.01	0.99	-0.11	0.50	3333	99	230.04	-8.47	7	(β8 1.00)
06498-4818	23	1.12	0.42	-0.20	1.81	3331	5	257.95	-19.97	3	(δ5 0.91)
06498-5430	23	0.35	0.69	-0.06	0.77	3331	14	264.27	-21.88	5	(λ25 1.00)
06500+0829	11	-3.32	1.00	0.55	0.07	3332	99	205.58	4.13	84	(β1 1.00)
06504-1206	22	-0.71	0.25	0.08	1.76	3331	99	223.94	-5.22	8	(α0 1.00)
06505-0450	12	0.10	1.16	0.33	1.83	3331	99	217.47	-1.88	4	(λ20 1.00)
06507-0430	23	0.99	0.31	0.31	3.64	3331	3	217.21	-1.70	3	(δ7 1.00)
06509-2653	12	-0.35	0.09	-0.14	0.62	3331	8	237.43	-11.61	10	(δ0 1.00)
06510+1200	33	1.08	0.12	0.14	1.73	3331	9	202.54	5.95	2	(α6 1.00)
06515+0051	12	0.12	1.04	-0.06	2.39	3331	15	212.53	0.95	4	(β8 0.98)
06515-0415	23	1.32	0.77	0.23	3.57	3331	99	217.08	-1.39	3	(α6 1.00)
06518-1158	13	0.15	0.03	-0.22	1.78	3331	3	223.98	-4.86	7	(δ0 0.87)
06520-2407	12	-0.35	0.54	0.27	1.59	3331	10	234.98	-10.21	11	(λ25 1.00)
06521+1054	23	0.12	0.07	0.29	0.67	3331	99	203.64	5.68	4	(α5 1.00)
06528+7702	13	0.91	0.02	-0.26	2.07	3331	18	137.55	26.86	3	(δ5 1.00)
06528-4218	12	-0.26	0.44	0.63	0.74	3333	0	252.21	-17.38	8	(λ25 1.00)
06529+0626	11	-1.51	0.12	0.37	-0.18	3333	12	207.72	3.83	22	(α5 0.91)
06531-0216	12	-0.59	0.35	-0.03	2.22	3321	78	215.49	-0.12	10	(λ25 1.00)
06534+4739	12	0.36	0.62	-0.15	0.87	3331	19	169.01	20.59	4	(λ24 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
06534-1647	12	-0.11	1.05	0.20	0.50	3333	12	228.48	-6.69	5	(λ34 1.00)
06539+3727	23	0.99	0.14	0.16	1.61	3331	8	179.15	17.16	4	(δ6 1.00)
06546-2353	11	-0.96	0.88	-0.22	0.19	3332	39	235.04	-9.57	9	(β8 1.00)
06548-0859	23	0.92	0.58	-0.07	2.45	3331	21	221.66	-2.85	4	(δ8 0.98)
06549-4839	13	-0.07	0.00	-0.19	1.04	3331	0	258.60	-19.29	7	(δ1 1.00)
06550-1915	33	1.37	0.81	0.01	1.81	3331	93	230.86	-7.46	2	(β7 1.00)
06551+0322	11	-0.28	0.64	-0.12	2.40	3331	95	210.71	2.91	6	(λ34 1.00)
06556+0614	13	-0.10	0.16	0.31	0.58	3331	19	208.22	4.34	8	(α5 0.99)
06557-0857	13	0.67	0.10	-0.37	3.20	3311	16	221.73	-2.64	5	(δ1 1.00)
06558+2853	13	0.67	0.40	0.14	1.04	3331	94	187.54	14.22	4	(α5 1.00)
06558-8239	11	-0.23	0.75	-0.00	0.52	3333	14	294.77	-26.94	7	(λ30 1.00)
06564+0342	12	-0.49	0.81	0.37	-0.21	3331	99	210.57	3.36	8	(α0 1.00)
06564+2606	23	0.33	0.83	-0.53	0.96	3331	2	190.19	13.20	3	(β9 1.00)
06571+5524	13	0.49	0.30	0.32	0.79	3331	99	161.18	23.38	5	(λ25 0.99)
06572-0742	22	0.48	3.79	3.06	1.24	3333	0	220.79	-1.71	6	(γ0 1.00)
06582+1048	12	-0.19	0.72	-0.00	0.27	3333	96	204.41	6.99	6	(β1 1.00)
06582+1507	12	-0.34	1.95	0.61	-0.35	3333	96	200.50	8.91	4	(ζ4 1.00)
06582-1512	12	0.32	0.94	-0.22	2.93	3331	99	227.58	-4.95	4	(β1 0.88)
06583-1416	23	1.40	0.41	0.32	2.73	3331	11	226.77	-4.49	3	(δ3 1.00)
06585-0310	23	0.56	0.03	0.64	4.09	3311	3	216.92	0.65	5	(δ1 1.00)
06585-4111	12	-0.04	0.47	0.24	0.28	3331	83	251.55	-15.97	5	(α5 0.99)
06588-2138	12	0.30	0.81	0.17	2.05	3331	62	233.42	-7.73	4	(α0 1.00)
06590-7555	22	0.53	0.79	0.06	0.61	3331	7	287.32	-25.90	4	(λ30 1.00)
06594-0538	13	0.47	0.03	-0.11	4.07	3331	8	219.22	-0.28	5	(δ1 1.00)
06595+1749	23	0.17	0.08	0.03	0.97	3331	6	198.17	10.35	8	(δ1 1.00)
06596+1644	23	0.96	0.14	-0.26	1.99	3331	29	199.18	9.92	4	(δ5 1.00)
06596-5119	11	0.14	-0.01	-0.22	1.48	3331	0	261.54	-19.49	7	(δ1 1.00)
06597+1734	13	0.59	0.93	-0.03	0.63	3332	0	198.44	10.29	3	(λ21 0.93)
07013-1128	11	-1.63	2.17	2.29	1.21	3333	4	224.60	-2.56	16	(ζ0 1.00)
07017-1114	22	0.95	2.74	4.05	1.76	3331	65	224.44	-2.36	6	(ζ0 1.00)
07019-1631	12	0.34	0.88	0.14	0.83	3331	99	229.16	-4.74	4	(β1 1.00)
07021-0852	12	-1.59	0.97	-0.24	0.59	3332	99	222.39	-1.19	14	(β1 1.00)
07027-7934	12	0.24	2.95	1.15	-0.12	3333	39	291.38	-26.29	5	(γ0 1.00)
07028-1456	12	-0.56	0.32	0.14	2.14	3331	82	227.85	-3.84	8	(α0 1.00)
07034-3551	11	-2.38	0.89	-0.37	0.27	3333	52	246.91	-12.96	28	(λ34 1.00)
07035-2501	13	0.12	0.64	-0.12	1.38	3332	18	236.97	-8.26	5	(λ25 1.00)
07036-2220	23	0.45	0.97	0.34	0.46	3331	99	234.55	-7.04	4	(λ20 1.00)
07037+3141	23	0.92	0.79	-0.15	1.20	3331	7	185.55	16.88	2	(β5 1.00)
07039-3049	23	1.27	0.94	-0.06	1.35	3331	5	242.29	-10.73	2	(λ16 1.00)
07041-6309	23	0.97	0.90	-0.24	1.23	3331	25	273.80	-22.59	3	(λ24 1.00)
07042+2822	22	0.35	0.79	-0.20	0.51	3332	99	188.77	15.70	4	(λ34 1.00)
07042-2432	13	0.42	0.83	-0.10	1.03	3331	5	236.60	-7.91	4	(λ24 1.00)
07043+2246	13	0.29	0.41	0.61	0.57	3333	99	194.07	13.47	5	(λ7 1.00)
07043-2300	23	1.04	0.12	0.07	2.34	3331	16	235.23	-7.20	3	(δ6 1.00)
07045+2418	23	0.71	1.13	0.36	0.14	3331	99	192.67	14.13	3	(β2 1.00)
07045-0728	12	-0.79	0.21	0.55	2.57	3331	0	221.42	-0.02	13	(α5 1.00)
07045-1104	23	1.23	1.11	0.81	3.00	3311	10	224.62	-1.67	3	(η1 1.00)
07051+6601	11	-0.68	1.01	-0.11	-0.08	3333	13	149.93	26.48	8	(β1 1.00)
07054-1039	11	-0.68	1.26	-0.12	1.88	3331	99	224.34	-1.29	10	(β0 1.00)
07057-1150	12	-0.35	0.62	0.21	3.22	3331	13	225.42	-1.78	8	(λ25 1.00)
07059+1006	23	0.69	-0.01	0.10	2.53	3322	98	205.90	8.36	4	(α6 1.00)
07059-5818	13	0.29	0.11	-0.10	1.20	3331	0	268.88	-20.92	5	(λ25 1.00)
07063-2618	12	-0.23	0.02	-0.03	0.95	3331	1	238.42	-8.27	9	(δ0 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
07065-7256	11	-2.14	0.48	0.06	-0.04	3333	99	284.19	-24.83	32	(α0 1.00)
07073-1944	22	0.29	1.02	0.35	2.19	3331	89	232.63	-5.08	4	(λ24 1.00)
07077-2748	23	1.01	0.14	-0.13	2.13	3331	0	239.90	-8.66	3	(δ5 1.00)
07080-0106	12	-0.41	0.82	0.24	-0.08	3332	14	216.18	3.71	6	(λ30 1.00)
07080-1610	22	-0.06	0.79	-0.02	1.12	3333	4	229.53	-3.30	5	(λ34 1.00)
07080-5948	11	-0.77	0.93	-0.23	0.07	3333	99	270.50	-21.14	8	(β1 1.00)
07082+3924	23	1.01	0.02	-0.04	1.95	3331	17	178.27	20.46	4	(δ2 1.00)
07085-0018	22	-0.28	0.83	0.40	1.18	3331	99	215.52	4.20	5	(α0 1.00)
07091-2902	12	-0.51	0.73	-0.11	0.11	3332	8	241.16	-8.93	7	(λ20 0.94)
07091-7025	13	0.90	-0.03	-0.15	2.03	3331	9	281.56	-24.04	4	(δ5 1.00)
07094+5130	23	0.14	0.11	-0.14	1.08	3331	4	165.80	24.18	8	(δ1 1.00)
07098-2012	11	-2.26	0.69	0.06	0.35	3331	95	233.31	-4.77	31	(α0 1.00)
07099+1441	23	1.05	0.09	0.52	1.43	3331	93	202.16	11.26	3	(λ16 1.00)
07104+1614	12	-0.87	0.10	-0.11	0.40	3331	9	200.78	12.04	16	(δ0 1.00)
07116-1936	23	1.27	0.37	0.84	3.44	3331	34	232.97	-4.13	3	(α6 1.00)
07118-3438	12	-0.38	1.05	-0.38	0.26	3333	7	246.52	-10.89	6	(β1 1.00)
07124-5138	23	1.14	0.66	0.18	1.50	3331	9	262.60	-17.74	3	(λ28 1.00)
07128+2759	23	1.13	0.13	-0.16	2.08	3321	11	189.91	17.30	2	(δ5 0.99)
07129+0600	33	1.42	0.29	0.22	1.82	3321	3	210.38	8.07	3	(λ1 1.00)
07129+0803	13	0.21	0.04	-0.07	1.17	3331	5	208.53	8.99	8	(δ1 1.00)
07132-2155	23	0.96	0.66	0.51	2.46	3331	3	235.20	-4.88	2	(α6 1.00)
07144+1759	23	1.08	1.11	-0.49	1.38	3331	17	199.58	13.64	3	(β6 1.00)
07144+4836	12	-0.05	0.62	0.14	0.29	3333	13	169.10	24.23	7	(λ30 1.00)
07145+3912	23	1.06	0.68	-0.03	1.33	3331	1	178.90	21.55	3	(λ10 1.00)
07145-1428	33	0.89	0.55	0.38	1.40	3331	58	228.76	-1.10	3	(α6 1.00)
07145-2313	13	0.29	0.10	-0.37	3.78	3331	36	236.50	-5.21	7	(δ1 1.00)
07145-2747	12	-0.35	0.06	-0.11	2.48	3331	16	240.59	-7.30	11	(δ0 1.00)
07146-1614	23	0.46	0.90	0.30	2.10	3331	0	230.33	-1.91	4	(λ20 1.00)
07149+0111	22	0.06	0.65	-0.03	0.43	3332	99	214.94	6.30	5	(λ27 1.00)
07149-0046	12	0.13	0.93	0.54	0.02	3333	99	216.69	5.41	6	(α0 1.00)
07150+3808	11	-1.44	0.66	-0.04	0.23	3333	12	180.00	21.30	17	(λ30 1.00)
07152-3444	11	-2.15	0.87	-0.33	-0.18	3333	99	246.93	-10.30	23	(β1 1.00)
07153-2411	22	-0.24	1.24	-0.18	2.73	3331	99	237.46	-5.49	5	(β0 1.00)
07153-3700	11	-1.66	0.05	-0.07	-0.37	3332	28	249.01	-11.28	34	(δ0 1.00)
07161-0111	12	-0.54	0.60	0.35	0.13	3333	52	217.19	5.46	7	(λ30 0.99)
07161-1106	33	1.58	0.33	0.36	4.19	3331	81	225.97	0.82	2	(α3 1.00)
07161-1709	33	1.33	0.50	-0.36	4.71	3311	7	231.32	-2.03	3	(α6 1.00)
07164+0337	13	0.68	0.11	-0.06	2.03	3331	7	212.93	7.75	3	(δ5 1.00)
07170+0721	12	-0.21	0.80	0.15	-0.18	3331	99	209.63	9.58	5	(α0 1.00)
07170+3127	33	1.24	0.28	0.82	1.37	3332	12	186.86	19.43	3	(δ3 1.00)
07170+4240	23	1.08	0.44	0.09	1.46	3331	34	175.47	23.05	3	(λ7 1.00)
07177+8707	23	0.41	0.09	-0.14	1.38	3331	0	126.22	27.72	7	(δ1 1.00)
07179+2505	12	-0.23	0.93	-0.22	0.25	3332	7	193.16	17.24	7	(β4 1.00)
07180-1314	12	-0.39	1.71	-0.06	-0.47	3333	99	228.07	0.21	5	(ε1 1.00)
07181+5554	23	0.95	0.13	-0.13	1.93	3331	71	161.37	26.37	4	(δ5 1.00)
07186-1017	22	0.19	0.86	-0.05	0.73	3331	15	225.53	1.74	5	(λ21 1.00)
07189+2032	23	0.86	0.05	-0.02	1.75	3321	8	197.63	15.66	4	(δ5 1.00)
07190-2547	13	0.61	0.06	0.00	4.02	3331	4	239.26	-5.50	5	(δ1 1.00)
07191-6705	13	1.45	0.14	-0.11	2.34	3321	17	278.36	-22.24	3	(δ2 1.00)
07193-2826	33	0.99	1.18	-0.07	1.61	3331	7	241.65	-6.66	3	(β7 1.00)
07195-0327	22	0.36	0.60	0.18	0.56	3331	48	219.61	5.18	4	(λ7 1.00)
07197-1451	13	0.41	0.87	0.03	2.88	3331	83	229.68	-0.18	4	(β9 1.00)
07200-1846	23	0.29	1.18	-0.32	2.90	3331	95	233.17	-1.98	3	(β2 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
07202-2024	23	0.24	0.11	0.14	2.33	3333	20	234.63	-2.72	6	(δ1 1.00)
07207+8230	12	-0.68	0.08	-0.15	0.49	3331	7	131.42	28.18	14	(δ0 1.00)
07207-5609	33	1.03	0.34	0.15	1.57	3331	20	267.48	-18.30	3	(δ5 0.98)
07208+4716	33	1.21	0.28	0.39	1.46	3331	3	170.81	24.93	3	(δ7 1.00)
07209-2522	33	0.80	0.76	-0.05	3.67	3331	0	239.10	-4.91	2	(λ18 1.00)
07209-2540	11	-6.36	1.13	0.23	-0.50	3333	6	239.35	-5.06	1211	(ε1 1.00)
07211-2916	33	0.86	0.55	-0.05	2.38	3331	22	242.58	-6.71	3	(λ7 1.00)
07214-2744	23	1.19	0.05	-0.14	3.03	3331	17	241.24	-5.93	4	(δ2 1.00)
07217-1246	11	-1.41	0.56	0.20	-0.28	3333	99	228.09	1.23	16	(λ25 0.52)
07220-2324	12	-0.55	0.81	-0.03	2.40	3331	96	237.48	-3.78	9	(α0 0.99)
07222-2005	22	0.14	0.82	-0.71	3.56	3331	6	234.58	-2.16	4	(β4 1.00)
07226+2753	13	0.99	-0.02	-0.02	1.95	3321	3	190.85	19.27	4	(δ3 0.96)
07229+3328	13	-0.22	0.64	-0.14	0.20	3331	73	185.31	21.30	5	(λ30 1.00)
07231-0300	23	1.19	1.04	-0.20	1.27	3331	99	219.63	6.18	2	(β5 1.00)
07232-0544	22	-0.48	0.79	0.62	-0.03	3333	0	222.07	4.89	5	(λ12 1.00)
07240+7509	33	1.20	0.83	-0.11	1.40	3331	4	139.76	28.65	2	(α2 1.00)
07240-1939	23	1.30	0.13	0.86	2.31	3332	0	234.40	-1.57	3	(δ4 1.00)
07245+4605	11	-1.59	0.86	0.01	0.10	3333	25	172.25	25.26	21	(β8 0.98)
07246-0903	13	0.88	0.28	0.21	1.35	3331	67	225.15	3.64	3	(δ7 1.00)
07250+4104	23	0.13	0.49	-0.05	0.61	3331	76	177.61	24.03	7	(λ25 1.00)
07250+4801	23	0.68	0.09	0.02	1.50	3331	20	170.19	25.79	4	(δ8 1.00)
07253-6417	23	0.90	0.99	-0.49	1.31	3331	15	275.75	-20.72	3	(β2 1.00)
07254+0901	23	0.31	-0.07	-0.04	1.34	3331	11	209.05	12.19	6	(δ1 1.00)
07256+4047	23	0.95	0.45	-0.32	1.74	3331	7	177.95	24.06	3	(α6 1.00)
07259-2353	13	0.79	0.21	0.17	4.46	3331	19	238.33	-3.22	3	(α5 1.00)
07262-6145	13	0.37	0.51	-0.18	0.99	3331	22	273.26	-19.72	4	(λ25 1.00)
07268-0410	23	0.76	0.45	0.07	1.16	3331	34	221.11	6.44	4	(λ28 0.99)
07270-1921	12	-1.27	0.33	0.04	2.27	3331	18	234.47	-0.82	14	(α0 1.00)
07276-4311	11	-0.95	0.06	-0.19	2.61	3331	2	255.74	-11.91	17	(δ0 1.00)
07277-3634	13	0.75	0.16	0.44	1.63	3331	7	249.76	-8.88	4	(δ8 0.92)
07282+2038	23	0.42	0.75	0.12	0.59	3332	4	198.43	17.68	4	(λ27 0.60)
07284-0940	11	-1.61	1.19	0.57	-0.00	3333	97	226.14	4.15	14	(β0 1.00)
07286-6308	11	-0.52	0.86	-0.12	0.31	3332	0	274.73	-19.97	8	(λ30 1.00)
07293-5417	33	1.34	0.05	-0.12	2.48	3321	15	266.20	-16.43	4	(δ5 0.98)
07299+0825	12	-1.40	0.56	-0.19	0.05	3333	96	210.11	12.93	18	(λ30 1.00)
07300-2140	22	0.61	1.14	-0.02	2.78	3331	51	236.85	-1.32	3	(β3 1.00)
07304-2032	11	-1.60	0.81	-0.01	0.54	3333	99	235.90	-0.69	16	(β1 1.00)
07306+1107	23	1.20	0.05	-0.17	2.24	3321	1	207.70	14.26	3	(δ3 1.00)
07306-7316	12	0.20	0.50	0.03	0.82	3331	68	285.06	-23.24	6	(λ30 0.99)
07308+3037	11	-2.26	0.89	-0.47	-0.66	3333	77	188.80	21.90	27	(β0 1.00)
07314+3159	23	1.12	-0.05	0.11	1.97	3331	8	187.44	22.48	4	(δ8 1.00)
07314-1424	12	-0.66	0.12	-0.07	0.68	3331	2	230.67	2.52	13	(δ0 1.00)
07315-1523	23	0.93	0.20	0.12	4.18	3331	39	231.52	2.07	3	(δ5 1.00)
07316+2851	23	1.06	0.65	0.03	1.30	3321	3	190.65	21.48	3	(λ31 1.00)
07328+2700	13	-0.25	-0.02	0.09	0.61	3331	6	192.60	21.06	10	(δ0 1.00)
07328+4617	23	1.20	-0.01	0.15	1.99	3331	13	172.41	26.71	3	(δ6 1.00)
07329-2352	11	-1.68	1.13	0.04	0.40	3333	31	239.09	-1.80	16	(β0 1.00)
07333-2217	23	1.86	2.08	4.46	1.96	3333	23	237.75	-0.96	3	(ζ1 1.00)
07334-3719	33	0.67	0.75	-0.05	3.15	3331	16	250.96	-8.22	4	(λ7 0.93)
07336-1006	11	-0.60	0.84	0.34	-0.18	3333	98	227.15	5.08	7	(λ30 1.00)
07338-1946	33	0.94	0.62	0.14	3.82	3331	48	235.61	0.38	3	(λ31 1.00)
07344-5225	33	1.18	0.05	-0.06	2.12	3311	0	264.77	-14.96	5	(δ4 1.00)
07356-2617	13	0.70	0.53	-0.29	1.82	3331	1	241.50	-2.46	3	(λ7 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
07356-3549	23	0.71	0.56	0.27	1.30	3331	6	249.84	-7.12	3	(α5 1.00)
07358-3243	33	1.61	3.80	3.41	1.37	3333	24	247.14	-5.57	3	(γ0 1.00)
07359-3322	33	1.07	0.59	-0.14	3.54	3321	68	247.73	-5.87	3	(α6 1.00)
07365-0859	33	0.93	0.91	-0.06	1.01	3331	4	226.52	6.25	3	(β2 1.00)
07366+0520	12	-1.12	-0.02	-0.06	-0.12	3331	5	213.70	13.02	21	(δ0 1.00)
07366+1747	23	0.61	0.05	-0.03	1.50	3331	2	202.01	18.36	5	(δ2 1.00)
07368-2833	12	-0.34	0.91	0.14	1.66	3331	91	243.60	-3.35	7	(α0 1.00)
07369-3517	33	1.53	0.25	0.50	2.78	3321	20	249.50	-6.62	2	(α1 1.00)
07372-1036	23	1.05	0.93	0.08	0.96	3331	99	228.02	5.61	2	(β7 1.00)
07373-4021	11	-2.03	0.48	-0.02	0.21	3333	99	254.03	-8.99	21	(α0 1.00)
07374-1418	23	0.87	0.63	0.17	2.87	3331	98	231.29	3.83	3	(α2 1.00)
07375-2735	12	-0.13	0.36	0.50	2.19	3331	38	242.83	-2.74	6	(α5 1.00)
07376-2827	12	0.51	1.60	-0.32	2.73	3331	99	243.60	-3.14	3	(ε2 0.99)
07381-1508	13	0.84	0.01	-0.24	2.23	3331	8	232.09	3.55	4	(δ8 0.99)
07382+2032	23	-0.01	0.31	-0.28	0.89	3331	3	199.49	19.79	7	(δ1 1.00)
07388-0926	13	1.11	-0.03	0.08	1.97	3331	7	227.19	6.52	3	(δ3 1.00)
07390+1335	13	0.79	0.07	-0.02	1.66	3331	0	206.28	17.17	4	(δ5 1.00)
07392+1419	22	0.13	0.09	-0.04	1.00	3331	1	205.60	17.51	7	(δ0 1.00)
07393-0403	22	0.01	0.47	-0.18	0.64	3331	6	222.49	9.22	5	(λ27 1.00)
07398-5215	13	0.73	0.65	-0.08	1.21	3331	17	264.99	-14.14	4	(λ7 0.98)
07399-1045	13	0.41	0.47	0.51	0.35	3331	6	228.48	6.10	5	(λ25 1.00)
07399-1435	21	0.43	4.25	2.84	0.43	3333	99	231.84	4.22	6	(γ1 1.00)
07400+2334	23	0.75	0.56	0.03	1.09	3331	97	196.68	21.33	4	(δ7 1.00)
07400-6412	23	0.68	0.43	0.42	1.17	3333	99	276.30	-19.20	4	(λ25 0.97)
07401+2900	23	0.90	-0.19	0.02	1.99	3321	12	191.19	23.27	4	(δ2 1.00)
07407+3857	23	0.98	0.18	-0.12	1.85	3331	4	180.76	26.36	5	(δ8 1.00)
07410+2554	23	1.03	-0.05	0.15	1.86	3311	8	194.42	22.39	4	(δ2 0.99)
07411-4404	13	0.93	0.15	1.05	1.72	3333	33	257.68	-10.16	3	(α5 1.00)
07412-3312	33	1.48	0.20	-0.10	3.17	3321	16	248.12	-4.83	3	(δ4 1.00)
07414+2431	13	0.97	-0.03	0.08	1.84	3331	7	195.85	21.97	4	(δ2 1.00)
07415-2817	23	0.18	0.06	-0.01	3.49	3331	30	243.88	-2.32	6	(δ1 1.00)
07418-2850	11	-2.40	0.95	-0.01	-0.26	3333	88	244.38	-2.54	29	(β8 1.00)
07419-1930	23	0.63	0.17	0.15	2.48	3331	99	236.32	2.17	4	(δ7 0.97)
07422+2808	11	-1.61	-0.04	-0.03	-0.21	3333	0	192.23	23.41	30	(δ0 1.00)
07422+3054	12	0.04	0.64	0.04	0.29	3331	99	189.39	24.33	5	(λ34 1.00)
07424-7229	23	1.02	-0.07	-0.42	2.43	3321	49	284.57	-22.16	3	(δ5 1.00)
07429+0519	33	1.09	0.84	-0.14	1.31	3331	21	214.44	14.40	3	(λ26 1.00)
07432+1837	23	0.80	0.02	-0.02	1.72	3331	4	201.86	20.14	5	(δ8 0.89)
07433+3738	13	0.32	0.05	-0.03	1.22	3331	1	182.32	26.49	6	(δ1 0.97)
07434-1847	13	0.18	1.27	0.23	1.70	3331	99	235.89	2.85	4	(λ24 1.00)
07434-3750	11	-3.32	0.63	0.09	-0.18	3333	6	252.39	-6.74	46	(λ30 1.00)
07435-3243	23	0.98	0.84	0.59	1.46	3331	14	247.94	-4.17	2	(λ3 1.00)
07436-0610	23	0.84	1.00	-0.28	1.03	3331	19	224.90	9.15	3	(β4 1.00)
07438-3938	33	1.63	0.32	0.80	4.40	3331	15	254.00	-7.57	3	(α3 1.00)
07438-6704	23	1.33	0.08	0.11	2.06	3331	10	279.26	-20.00	3	(δ2 1.00)
07442+3332	23	0.53	0.03	-0.05	1.47	3331	42	186.76	25.53	5	(δ1 0.50)
07445-2613	11	-1.10	0.75	-0.30	1.58	3331	99	242.43	-0.69	9	(β1 1.00)
07446-3210A	11	-1.54	1.32	0.29	0.04	3333	0	247.59	-3.70	12	(β11 1.00)
07448-3406	23	0.94	0.33	0.17	3.30	3332	0	249.28	-4.64	2	(λ18 1.00)
07454-1553	33	1.61	0.25	0.24	2.12	3321	30	233.63	4.72	4	(λ16 0.98)
07454-7112	11	-3.34	0.81	0.20	-0.09	3333	71	283.38	-21.47	76	(λ30 1.00)
07455-3737	13	0.39	0.66	-0.08	1.88	3331	3	252.41	-6.27	4	(λ27 1.00)
07458-2722	33	0.99	0.72	-0.27	2.60	3332	72	243.57	-1.04	3	(β13 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
07461-3705	23	0.78	0.69	-0.30	2.38	3331	16	252.01	-5.89	3	(λ24 1.00)
07464-4031	23	0.94	0.03	-0.05	3.29	3331	10	255.03	-7.57	4	(δ8 1.00)
07468+3953	33	1.43	0.05	0.28	2.23	3311	32	180.06	27.73	3	(δ3 1.00)
07469-1806	23	1.04	0.62	0.18	1.17	3331	54	235.72	3.91	3	(λ33 1.00)
07471-2443	23	0.32	0.06	-0.11	3.63	3331	4	241.46	0.57	7	(δ1 1.00)
07476-3309	23	1.06	0.05	0.22	4.66	3331	5	248.76	-3.64	5	(δ5 1.00)
07479-3925	12	0.06	1.22	-0.09	0.81	3331	27	254.22	-6.77	4	(β2 0.99)
07482-2750	23	1.28	0.16	0.10	4.34	3331	0	244.26	-0.81	4	(δ6 1.00)
07486-7753	23	0.41	0.77	-0.36	1.01	3331	0	290.21	-23.70	4	(λ18 1.00)
07487-0229	12	-0.49	0.34	0.10	0.37	3333	93	222.24	12.03	9	(λ25 1.00)
07494+0324	13	0.20	0.18	-0.23	1.17	3331	26	216.98	14.99	7	(δ0 1.00)
07497-3019	23	1.61	0.93	0.05	2.81	3331	3	246.54	-1.81	2	(η1 1.00)
07497-3506	23	0.90	0.61	-0.01	3.81	3331	0	250.65	-4.27	4	(λ28 1.00)
07505-4026	13	0.65	-0.11	-0.15	4.15	3331	21	255.35	-6.86	5	(δ2 1.00)
07508-0754	12	0.50	0.78	0.08	0.56	3331	49	227.32	9.84	3	(λ12 0.99)
07509-2614	23	2.45	1.68	5.07	2.57	3332	17	243.18	0.52	3	(ζ1 1.00)
07517+5719	23	0.58	0.57	-0.15	1.08	3331	75	160.38	31.13	4	(λ7 0.91)
07517-2517	33	0.97	0.73	0.35	1.33	3331	97	242.47	1.16	2	(λ29 1.00)
07518-2612	13	-0.54	0.14	-0.24	3.02	3331	12	243.27	0.72	12	(δ0 1.00)
07525-5347	23	0.81	0.33	0.27	3.78	3331	99	267.30	-13.16	3	(α4 1.00)
07531-4246	33	1.52	0.25	0.33	4.30	3331	10	257.62	-7.62	3	(δ4 1.00)
07532-2931	33	1.34	0.23	0.63	2.23	3331	1	246.24	-0.75	2	(δ4 1.00)
07536-2830	11	-1.20	1.52	0.05	0.15	3333	40	245.44	-0.15	11	(β11 1.00)
07537-2920	23	0.81	1.02	0.17	1.40	3331	3	246.16	-0.55	3	(λ6 1.00)
07537-6144	33	1.01	0.11	0.69	1.12	3331	9	274.65	-16.75	3	(δ3 0.99)
07538-3928	12	-0.67	0.59	-0.26	1.05	3331	99	254.84	-5.81	9	(λ30 1.00)
07541+0950	23	0.82	0.17	0.26	1.31	3331	98	211.51	18.91	3	(α6 1.00)
07543-3008	13	-0.40	0.17	0.03	1.51	3331	3	246.92	-0.86	10	(δ0 1.00)
07545-4400	13	0.68	0.70	0.23	1.06	3331	99	258.83	-8.02	4	(λ27 1.00)
07546-2551	23	0.86	0.74	0.27	2.91	3331	96	243.29	1.43	2	(α4 1.00)
07549-4950	12	0.49	0.16	0.86	2.17	3331	80	263.97	-10.91	4	(δ8 0.85)
07551-0032	23	0.68	0.09	0.26	1.26	3331	94	221.28	14.38	4	(α5 1.00)
07553-1504	23	1.15	0.82	-0.01	1.30	3332	7	234.13	7.17	3	(λ18 1.00)
07556-2017	12	-1.08	1.11	-0.14	0.05	3333	16	238.66	4.55	11	(β11 1.00)
07559-5859	12	-1.39	0.65	2.11	1.81	3333	0	272.24	-15.23	16	(λ25 1.00)
07566-4011	12	0.50	0.68	-0.12	3.43	3331	50	255.74	-5.72	4	(λ34 0.81)
07568-3226	23	-0.03	1.00	-0.17	1.56	3331	5	249.15	-1.61	6	(λ12 1.00)
07576-4054	11	-0.95	0.96	0.25	1.46	3331	43	256.46	-5.93	10	(λ30 1.00)
07582-1933	11	-1.15	0.90	0.09	-0.46	3333	86	238.35	5.43	11	(λ30 1.00)
07583-3234	12	0.73	0.68	0.15	1.84	3331	2	249.42	-1.43	4	(λ28 1.00)
07584-2958	33	1.37	0.55	-0.58	3.13	3321	8	247.23	-0.03	3	(α1 1.00)
07585-1242	21	-1.27	0.97	-0.25	-0.28	3333	40	232.48	9.06	11	(β8 1.00)
07586-0115	23	0.54	-0.02	-0.23	1.72	3331	25	222.35	14.81	6	(δ2 1.00)
07587-6026	23	0.04	0.06	-0.06	0.99	3331	0	273.76	-15.61	6	(δ1 1.00)
07593-1452	33	0.85	0.14	0.22	1.41	3331	97	234.47	8.11	4	(α1 1.00)
07596+0228	13	0.91	0.00	0.09	1.74	3331	5	219.07	16.80	3	(δ3 0.99)
07598-1252	13	0.46	0.90	-0.02	0.41	3332	21	232.80	9.25	3	(λ21 1.00)
08002-3654	23	0.84	0.13	-0.04	4.28	3331	21	253.31	-3.39	5	(δ1 1.00)
08002-3803	11	-0.38	1.67	0.48	0.12	3333	19	254.29	-4.00	5	(ε1 1.00)
08003+3629	11	-0.65	0.94	0.05	-0.26	3333	35	184.56	29.50	9	(λ12 1.00)
08006-2504	33	1.11	0.51	0.05	1.84	3331	39	243.34	3.00	3	(α2 1.00)
08008-1205	23	1.18	0.67	0.03	1.40	3331	7	232.25	9.86	3	(λ18 1.00)
08010-4109	12	-0.74	0.54	-0.26	0.96	3331	31	257.00	-5.53	10	(λ30 0.90)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
08011-3627	11	-1.67	1.20	0.49	0.26	3332	94	253.02	-2.99	17	(λ34 1.00)
08016+4107	23	0.53	1.09	0.04	0.43	3332	99	179.38	30.74	4	(β4 0.99)
08017-3118	12	0.48	0.90	-0.05	2.71	3331	6	248.73	-0.14	4	(λ34 0.58)
08017-3651	23	1.22	1.04	0.16	3.57	3331	99	253.43	-3.11	3	(η0 1.00)
08023-3231	12	-0.50	0.31	-0.10	2.80	3331	10	249.83	-0.69	12	(δ0 1.00)
08024-2744	13	1.14	0.84	-0.13	1.97	3331	0	245.81	1.91	3	(λ28 1.00)
08033+2246	13	0.69	0.09	-0.02	1.53	3331	19	199.58	26.05	5	(δ5 1.00)
08043-3709	13	0.61	0.80	-0.14	3.45	3331	97	253.95	-2.84	3	(λ24 1.00)
08045-1524	22	-0.57	0.59	0.05	0.22	3333	95	235.59	8.90	9	(α0 1.00)
08050-2838	12	-1.05	0.71	0.12	-0.42	3331	95	246.88	1.90	11	(α0 1.00)
08053-2246	22	0.28	0.32	0.41	0.97	3331	8	241.96	5.14	6	(δ8 1.00)
08054-3645	33	0.89	0.81	0.14	3.35	3331	99	253.74	-2.44	2	(β10 1.00)
08063+6522	12	-0.54	0.75	0.02	0.32	3333	12	150.87	32.74	10	(λ30 1.00)
08066+1448	13	0.55	0.67	-0.25	1.04	3331	0	208.04	23.76	3	(λ21 1.00)
08066-1719	23	-0.14	0.77	0.08	0.05	3331	96	237.51	8.32	5	(λ27 1.00)
08069-4350	13	0.54	0.48	0.13	2.15	3331	19	259.87	-6.03	3	(λ18 1.00)
08069-4827	23	1.19	0.52	0.15	4.24	3331	0	263.79	-8.52	3	(λ17 1.00)
08071-3257	23	0.81	0.86	0.32	1.45	3331	42	250.74	-0.07	3	(δ7 1.00)
08073-3608	12	-0.59	0.25	0.57	1.08	3332	25	253.42	-1.78	10	(α0 1.00)
08074-3615	11	-1.85	1.32	0.45	-0.49	3333	99	253.54	-1.82	13	(λ20 1.00)
08078-3801	11	-1.48	0.55	-0.22	2.03	3331	3	255.06	-2.73	18	(λ30 1.00)
08079-4711	13	0.41	0.69	1.11	2.31	3331	0	262.80	-7.69	6	(δ8 1.00)
08083+1917	23	0.57	0.35	0.19	1.51	3332	17	203.66	25.89	5	(δ5 1.00)
08084-1510	12	-0.28	0.99	-0.07	-0.06	3332	99	235.89	9.82	7	(β1 0.98)
08085-3238	12	-0.38	0.72	-0.39	2.41	3331	99	250.64	0.35	5	(β1 1.00)
08086-3905	22	-0.23	1.35	0.36	1.66	3331	97	256.04	-3.18	5	(λ20 1.00)
08095-3928	13	0.26	0.12	0.14	3.73	3331	2	256.45	-3.24	6	(δ1 1.00)
08098-4547	22	0.61	1.44	0.02	0.96	3331	99	261.79	-6.66	4	(β2 1.00)
08099-3537	12	0.31	0.13	0.69	3.63	3331	11	253.29	-1.05	5	(λ25 1.00)
08100-2334	23	1.04	1.26	-0.04	0.74	3331	99	243.24	5.60	3	(β9 1.00)
08107-3355	23	1.09	0.52	0.32	3.85	3331	99	251.97	0.02	3	(α4 1.00)
08107-3459	11	-0.36	0.49	-0.16	3.29	3331	36	252.85	-0.58	8	(λ25 1.00)
08113-4844	13	0.44	1.10	-0.22	3.47	3331	99	264.42	-8.05	3	(β9 1.00)
08115+3749	23	0.98	0.43	-0.05	1.52	3331	77	183.61	31.97	2	(α6 1.00)
08115-4758	23	1.02	0.46	-0.15	3.05	3331	40	263.80	-7.61	3	(λ1 0.98)
08117+2453	11	-0.22	0.38	0.19	0.42	3333	4	198.08	28.56	7	(λ25 1.00)
08119-3627	12	-0.26	0.49	-0.27	3.59	3331	42	254.21	-1.19	7	(α0 1.00)
08121-5002	23	0.75	0.01	0.13	4.76	3331	36	265.60	-8.65	4	(δ5 1.00)
08124-4133	11	-2.02	1.21	-0.48	0.35	3333	85	258.50	-3.93	23	(β0 1.00)
08129-1236	12	-0.08	0.75	0.16	-0.06	3331	98	234.26	12.12	6	(α0 1.00)
08138+0920	12	-0.37	0.08	-0.10	0.57	3331	34	214.25	23.05	11	(δ0 1.00)
08138+1152	11	-2.54	0.49	-0.06	-0.22	3333	0	211.75	24.14	44	(λ30 1.00)
08149-1339	23	0.44	0.96	0.18	-0.10	3332	15	235.44	11.97	4	(β10 1.00)
08150-3117	12	-0.23	0.66	-0.14	0.60	3332	98	250.29	2.26	5	(λ30 1.00)
08151-3934	23	0.56	0.95	0.37	2.74	3331	44	257.14	-2.40	3	(α4 0.55)
08157-6819	23	0.69	0.40	-0.10	2.81	3331	0	281.86	-17.84	4	(λ7 1.00)
08159-3637	23	1.00	0.39	0.21	4.07	3331	79	254.79	-0.61	3	(α6 1.00)
08165-5557	22	0.85	1.16	-0.07	1.77	3331	11	271.01	-11.30	3	(β4 1.00)
08168-1121	23	1.41	0.22	0.41	1.71	3332	4	233.71	13.58	3	(δ6 1.00)
08171-2134	11	-1.56	1.64	0.58	-0.29	3333	99	242.47	8.07	14	(ζ4 1.00)
08172-1955	23	0.36	0.69	-0.45	1.05	3331	6	241.10	9.02	3	(β9 1.00)
08174+0255	12	-0.05	0.20	0.28	0.39	3331	7	220.87	20.94	5	(α5 1.00)
08182-6000	23	0.88	1.69	0.60	-0.21	3333	6	274.63	-13.30	3	(ζ1 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
08189+0507	11	-1.07	0.81	-0.14	-0.01	3333	31	218.96	22.28	12	(λ30 1.00)
08189-3602	11	-0.69	3.63	3.61	1.27	3333	17	254.66	0.20	8	(γ0 1.00)
08189-6904	22	0.59	0.67	0.00	2.04	3331	7	282.70	-17.97	4	(λ30 1.00)
08191-3653	12	-0.28	1.29	0.34	1.96	3331	98	255.38	-0.25	6	(λ30 1.00)
08194+4320	23	-0.01	-0.04	-0.12	1.07	3331	12	177.39	34.34	7	(δ1 1.00)
08194-0930	33	1.10	0.74	-0.07	1.36	3331	0	232.44	15.11	3	(α1 1.00)
08195+3340	13	0.56	0.33	0.11	1.04	3331	88	188.81	32.65	3	(α4 1.00)
08195-4027	23	0.62	0.85	0.37	3.55	3331	0	258.34	-2.22	3	(α4 1.00)
08196+1509	12	-0.48	0.80	-0.30	0.25	3333	1	209.08	26.77	7	(β8 1.00)
08200-2528	11	-0.50	1.10	-0.34	0.10	3333	47	246.10	6.44	6	(β11 1.00)
08204-0722	23	0.75	0.13	-0.15	1.69	3321	3	230.69	16.44	4	(λ7 1.00)
08204-1545	23	1.20	0.19	0.34	1.60	3331	17	237.98	11.94	2	(δ3 1.00)
08211-3302	12	-0.17	0.89	-0.11	0.73	3333	99	252.47	2.32	5	(β1 1.00)
08212-3838	21	-0.74	0.70	-0.16	2.80	3331	2	257.05	-0.91	10	(λ30 1.00)
08214-3807	13	0.77	0.03	-0.17	2.80	3321	0	256.65	-0.57	3	(δ5 1.00)
08214-5920	11	-2.35	0.07	-0.06	-0.65	3333	7	274.29	-12.60	55	(δ0 1.00)
08218+5226	23	0.87	0.17	0.22	1.39	3321	12	166.36	35.33	4	(δ5 1.00)
08220-0821	11	-2.20	0.89	-0.69	-0.09	3333	70	231.76	16.26	28	(β1 1.00)
08221-7719	23	1.29	0.03	-0.15	2.33	3321	13	290.46	-21.84	4	(δ2 1.00)
08224-7659	23	1.15	0.78	0.02	1.27	3331	15	290.15	-21.66	3	(λ31 1.00)
08229-7611	13	0.52	0.47	-0.03	1.01	3331	86	289.42	-21.25	4	(λ7 1.00)
08235-4747	23	1.11	0.06	0.93	4.21	3331	0	264.79	-5.84	3	(δ4 1.00)
08236-0444	12	-0.55	0.72	-0.14	0.31	3333	3	228.74	18.48	8	(λ30 1.00)
08239+1249	12	-0.03	0.02	0.05	0.82	3331	59	211.95	26.79	7	(δ1 1.00)
08239-3323	12	0.57	1.10	-0.03	0.92	3331	37	253.09	2.58	3	(β3 1.00)
08247-4223	12	1.44	2.73	4.47	1.71	3333	75	260.48	-2.54	4	(ζ0 1.00)
08250-2605	12	-0.03	0.46	0.31	0.14	3331	88	247.26	7.02	6	(α0 1.00)
08252-6558	23	0.73	0.05	-0.18	1.78	3331	13	280.26	-15.84	5	(δ1 1.00)
08260-7054	22	0.00	1.13	0.18	0.74	3333	4	284.69	-18.39	5	(β8 1.00)
08261+6053	23	0.94	0.01	-0.03	1.87	3331	1	155.98	35.43	5	(δ5 0.95)
08267-4357	23	0.47	1.27	-0.12	3.86	3331	5	261.98	-3.16	3	(β3 1.00)
08272-0609	11	-1.44	0.53	-0.18	-0.13	3333	0	230.51	18.51	21	(λ25 1.00)
08276-5125	13	0.31	1.42	0.40	2.17	3331	19	268.15	-7.39	3	(λ20 1.00)
08277-3023	12	-0.27	0.46	-0.16	0.39	3331	1	251.12	5.00	9	(λ25 1.00)
08285-3633	23	0.53	0.31	0.53	1.88	3333	19	256.20	1.50	5	(δ8 1.00)
08286-4728	12	-0.22	0.89	0.18	3.03	3331	11	265.02	-4.95	6	(λ34 1.00)
08287+1815	13	0.83	-0.02	-0.07	1.84	3331	25	206.77	29.98	4	(δ2 0.99)
08292-3828	23	0.28	0.46	0.10	3.53	3331	32	257.82	0.47	4	(α5 1.00)
08296-6254	33	1.54	0.12	0.23	2.29	3311	12	277.89	-13.76	4	(δ4 1.00)
08297+6721	23	0.86	0.56	0.11	1.12	3331	8	148.09	34.77	3	(δ8 1.00)
08299-3148	23	0.37	0.79	-0.38	1.67	3333	69	252.55	4.55	3	(β9 1.00)
08304-4313	22	0.14	1.24	0.35	3.24	3331	99	261.78	-2.18	4	(η0 0.98)
08305-3314	12	-0.40	1.50	0.49	-0.28	3333	0	253.79	3.79	5	(η0 0.58)
08312-4103	23	0.89	0.98	-0.06	3.95	3331	7	260.13	-0.77	3	(λ21 1.00)
08314-0555	33	1.30	0.12	0.30	1.81	3331	8	230.88	19.53	3	(δ3 1.00)
08340-3357	11	-1.64	0.68	0.05	0.09	3333	99	254.79	3.95	16	(α0 0.93)
08342-5208	23	0.97	0.13	1.76	1.70	3332	0	269.35	-7.00	4	(δ5 1.00)
08346-1747	12	0.06	0.63	-0.29	0.64	3331	20	241.66	13.61	5	(λ30 1.00)
08348-3617	23	1.03	0.30	-0.02	2.20	3331	10	256.75	2.67	3	(δ6 1.00)
08349-5945	11	-1.59	0.57	-0.17	0.72	3333	99	275.63	-11.43	20	(λ24 0.92)
08352-6904	12	0.38	0.70	-0.09	0.70	3331	69	283.51	-16.74	3	(λ34 1.00)
08353-3424	12	-0.34	0.45	0.17	1.79	3331	94	255.31	3.90	6	(α0 1.00)
08357-1013	11	-0.86	1.50	0.03	-0.40	3333	15	235.32	18.10	7	(ε1 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
08358+6430	23	1.34	-0.01	0.16	2.11	3311	47	151.36	35.96	3	(λ4 1.00)
08358-4015	23	0.72	0.23	-0.01	4.80	3331	45	260.02	0.41	4	(δ8 1.00)
08360-5723	23	1.32	1.32	-0.55	1.62	3331	99	273.77	-9.91	2	(β6 1.00)
08361+0331	23	1.32	0.06	0.08	2.11	3311	10	222.71	25.32	3	(δ3 1.00)
08363-4643	11	-1.43	1.10	0.49	0.02	3333	40	265.21	-3.46	18	(λ12 1.00)
08363-4837	33	1.27	0.59	0.28	4.97	3321	8	266.72	-4.61	3	(α1 1.00)
08372-0924	11	-1.08	0.86	-0.22	-0.17	3333	40	234.82	18.87	11	(β8 1.00)
08374-5909	23	0.88	0.61	0.33	1.31	3331	18	275.32	-10.82	3	(λ7 1.00)
08375-1707	11	-2.08	0.77	-0.08	0.05	3333	77	241.52	14.57	31	(β8 1.00)
08375-4109	32	1.47	3.77	3.14	1.58	3332	65	260.93	0.12	3	(γ0 1.00)
08376-0803	23	0.87	1.07	-0.35	1.07	3331	80	233.68	19.69	3	(θ0 1.00)
08376-1217	23	1.15	0.00	0.12	1.95	3321	56	237.40	17.34	4	(δ3 1.00)
08380-1438	12	-0.48	0.94	-0.11	0.07	3333	99	239.48	16.09	6	(β0 1.00)
08380-4745	11	-0.83	0.34	0.29	1.27	3331	32	266.21	-3.87	9	(α0 1.00)
08384-0031	13	0.57	0.67	-0.01	0.82	3331	12	226.88	23.82	4	(λ24 0.99)
08400-4755	12	-1.13	1.01	-0.08	1.56	3332	36	266.55	-3.70	10	(β0 1.00)
08403-3853	13	0.72	0.69	0.94	1.83	3331	12	259.48	1.94	3	(λ7 1.00)
08414-4537	12	0.33	1.10	0.83	3.05	3331	8	264.89	-2.09	5	(λ28 1.00)
08416-2525	11	-1.05	0.55	0.12	0.07	3333	99	248.95	10.42	12	(α0 1.00)
08418+1820	23	1.00	-0.03	-0.15	2.11	3311	3	208.02	32.90	5	(δ2 1.00)
08425-2856	23	0.50	0.83	-0.92	1.53	3331	0	251.89	8.44	4	(β4 1.00)
08433-5431	23	1.34	0.02	0.43	4.17	3331	49	272.08	-7.37	4	(δ5 1.00)
08434-2801	13	0.42	0.40	0.29	0.66	3331	7	251.27	9.15	4	(α5 1.00)
08436+2856	13	1.36	-0.02	0.19	2.11	3311	6	195.88	36.54	3	(δ2 0.99)
08437-1038	23	0.51	0.22	-0.01	1.24	3331	8	236.85	19.50	5	(δ1 1.00)
08438-4340	22	0.81	3.11	4.52	2.09	3333	2	263.62	-0.53	7	(ζ0 1.00)
08439+7908	23	0.74	0.74	-0.35	1.26	3331	24	134.25	32.16	4	(λ25 1.00)
08439-2734	12	-0.72	0.77	-0.19	0.06	3331	63	251.00	9.52	9	(λ30 1.00)
08442+7821	23	0.67	0.14	-0.20	1.65	3331	8	135.11	32.49	5	(δ1 0.97)
08445-2932	12	0.38	0.15	0.74	1.11	3332	29	252.64	8.40	4	(λ25 0.99)
08450-3407	23	0.26	0.29	0.25	1.30	3331	86	256.33	5.63	4	(α5 1.00)
08453-3833	22	0.16	0.33	0.12	3.71	3331	96	259.82	2.91	5	(λ7 0.98)
08456-3837	22	0.12	0.80	-0.29	4.13	3331	35	259.91	2.90	4	(β8 1.00)
08459+1243	33	1.24	0.01	-0.18	2.33	3321	46	214.58	31.62	6	(δ4 1.00)
08461-2827	12	-0.51	0.48	0.01	0.17	3333	14	252.00	9.35	10	(λ25 1.00)
08464-6743	23	0.85	1.04	-0.18	0.92	3331	86	282.98	-15.12	3	(β4 1.00)
08470-4243	12	0.72	3.62	4.36	1.81	3333	12	263.25	0.51	5	(ζ0 1.00)
08470-4321	12	-0.50	2.71	2.93	1.30	3333	20	263.74	0.12	7	(ζ3 1.00)
08470-4542	23	0.81	0.86	0.07	4.53	3321	99	265.56	-1.38	3	(α6 1.00)
08470-5710	13	0.03	0.76	0.36	0.96	3333	99	274.51	-8.60	5	(α0 1.00)
08484-2731	23	0.60	0.03	-0.17	1.96	3331	12	251.57	10.32	5	(δ1 1.00)
08485-4419	32	0.72	4.39	3.49	1.27	3332	16	264.67	-0.28	6	(γ1 1.00)
08491-5134	12	-0.41	1.26	-0.12	1.30	3332	99	270.33	-4.84	5	(β0 1.00)
08494+2826	23	0.81	0.09	-0.22	1.85	3331	8	196.88	37.66	5	(δ2 1.00)
08495-0312	12	0.01	0.68	-0.11	0.36	3331	68	231.00	24.79	6	(λ30 1.00)
08495-4940	33	1.51	0.48	0.77	3.70	3311	3	268.89	-3.59	2	(λ1 1.00)
08500-3254	12	0.13	1.27	0.99	0.39	3333	99	256.04	7.22	5	(β0 1.00)
08502-4606	22	0.55	1.68	2.15	0.79	3333	0	266.23	-1.20	3	(ε2 1.00)
08508-3832	23	1.22	0.08	0.20	2.64	3331	3	260.50	3.76	2	(λ17 1.00)
08509+0315	33	1.37	0.35	-0.10	2.03	3321	65	224.98	28.41	3	(λ16 1.00)
08510-5743	21	0.37	1.27	0.03	1.88	3331	8	275.28	-8.54	4	(ε1 1.00)
08513-4201	22	0.90	4.16	3.19	1.44	3333	34	263.23	1.57	4	(γ1 1.00)
08517-2436	23	1.09	0.98	-0.25	1.28	3331	99	249.71	12.72	3	(β7 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
08525+1725	12	-1.26	0.19	0.48	0.29	3333	59	210.18	34.94	16	(δ0 1.00)
08527+0608	23	0.40	0.01	-0.20	1.51	3331	19	222.34	30.20	7	(δ2 1.00)
08532-0857	23	0.93	0.41	-0.08	1.52	3331	35	236.77	22.39	4	(δ8 1.00)
08534-1901	12	-0.49	0.85	-0.18	0.77	3333	7	245.43	16.48	7	(β8 1.00)
08534-2405	13	0.28	0.97	-0.21	0.44	3331	13	249.57	13.35	3	(β9 1.00)
08534-5055	11	-0.91	1.09	0.26	1.87	3331	99	270.26	-3.91	10	(λ20 1.00)
08535-4724	11	-0.89	1.15	0.34	1.05	3331	14	267.58	-1.62	9	(λ20 1.00)
08538+2002	21	-0.84	0.14	0.26	0.10	3333	2	207.29	36.14	13	(δ1 1.00)
08544-4431	11	-2.01	1.42	0.75	0.37	3321	52	265.51	0.39	21	(λ20 1.00)
08546-4350	33	1.14	0.70	1.09	4.08	3311	80	265.00	0.85	4	(δ7 0.99)
08552-3942	12	0.29	0.91	0.23	1.85	3333	0	261.94	3.64	4	(λ34 1.00)
08555+1102	11	-1.03	0.56	-0.22	-0.08	3332	9	217.58	33.04	14	(λ30 1.00)
08556-5717	12	0.00	0.65	0.21	0.26	3331	19	275.34	-7.77	5	(α0 1.00)
08563+1819	23	0.65	0.10	-0.26	1.74	3331	2	209.54	36.11	5	(δ1 1.00)
08568-2304	12	0.27	1.00	-0.00	0.28	3331	11	249.24	14.59	5	(λ12 1.00)
08571-5901	11	-0.14	1.07	-0.09	0.36	3331	15	276.80	-8.75	5	(β0 1.00)
08577-6035	23	1.18	1.52	0.14	0.74	3331	14	278.07	-9.71	2	(β12 1.00)
08580+6749	12	-0.33	0.03	0.05	0.84	3331	0	146.63	37.23	12	(δ0 1.00)
08595-5445	23	1.57	0.92	-0.14	2.51	3331	86	273.77	-5.71	3	(β7 1.00)
08595-5743	23	1.21	0.17	-0.35	3.05	3331	39	276.01	-7.66	4	(δ6 1.00)
09002-4732	11	-1.57	4.59	3.84	1.34	3333	95	268.42	-0.85	38	(γ0 1.00)
09003-5437	12	0.24	1.14	-0.34	0.97	3331	27	273.74	-5.53	4	(β11 1.00)
09005+3856	13	-0.24	0.14	-0.04	0.58	3331	2	183.89	41.63	9	(δ0 1.00)
09005-6829	23	1.19	0.05	0.20	1.86	3321	7	284.45	-14.56	4	(δ2 1.00)
09006-5310	12	0.32	1.00	0.37	3.10	3331	43	272.68	-4.53	4	(λ20 1.00)
09013+6029	13	0.83	0.18	0.08	1.50	3331	3	155.46	39.73	3	(δ3 1.00)
09014-4736	22	-0.07	2.61	4.11	1.58	3333	94	268.62	-0.74	8	(ζ4 1.00)
09017-4716	12	0.51	3.30	3.33	1.54	3332	50	268.39	-0.48	5	(ζ3 1.00)
09018-4218	12	0.17	0.69	-0.13	2.60	3331	28	264.72	2.86	5	(λ24 1.00)
09019+6458	23	0.72	0.80	-0.05	0.91	3331	8	149.88	38.52	3	(λ12 1.00)
09024-4653	12	0.67	0.02	0.50	4.94	3321	28	268.20	-0.14	4	(δ1 1.00)
09024-5019	12	-0.09	2.66	0.95	0.98	3331	99	270.74	-2.44	3	(ζ3 1.00)
09027-2758	12	0.87	1.42	0.34	0.02	3331	99	253.99	12.48	4	(ε2 1.00)
09032-3953	22	0.36	3.54	1.54	-0.16	3333	0	263.09	4.67	3	(γ0 1.00)
09040+6704	33	1.00	-0.01	-0.09	2.13	3321	0	147.27	38.03	4	(δ2 1.00)
09040-4702	13	1.06	0.65	2.09	3.48	3311	7	268.49	-0.04	3	(α4 1.00)
09044+0139	23	1.10	0.08	0.07	1.87	3311	6	228.52	30.51	4	(δ2 1.00)
09053-4913	23	0.89	0.41	1.52	4.09	3311	99	270.25	-1.35	3	(θ0 1.00)
09056-4619	23	0.82	1.10	-0.41	5.25	3321	23	268.15	0.65	3	(β4 1.00)
09057+1325	11	-1.25	0.81	-0.01	0.38	3333	0	216.23	36.29	13	(λ30 1.00)
09058-2539	12	0.27	0.03	-0.03	1.19	3331	0	252.65	14.52	6	(δ1 1.00)
09062-5735	33	1.26	0.76	-0.38	4.51	3331	71	276.51	-6.91	3	(β7 1.00)
09066-5357	22	0.89	1.14	-0.13	2.07	3331	33	273.86	-4.41	3	(β3 0.99)
09069+2527	12	-0.89	0.83	-0.02	0.03	3333	0	201.88	40.67	11	(λ30 1.00)
09072-5933	12	-0.86	1.33	-0.11	0.55	3333	97	278.07	-8.14	7	(β0 1.00)
09075-2758	33	1.32	0.80	-0.15	1.59	3331	7	254.70	13.29	2	(α6 1.00)
09076+3110	11	-3.07	0.66	-0.14	-0.16	3333	11	194.50	42.08	66	(λ25 1.00)
09077-0209	23	1.20	0.82	-0.09	1.39	3331	15	232.76	29.17	2	(λ6 0.99)
09079-1942	23	0.89	0.55	-0.10	1.36	3331	3	248.23	18.73	3	(λ18 1.00)
09088-5050	23	0.73	0.49	1.39	3.45	3311	95	271.81	-2.04	3	(λ31 1.00)
09089-2149	23	0.93	1.59	0.27	-0.01	3331	99	250.09	17.54	3	(ε2 1.00)
09098-5550	33	1.33	1.23	0.76	1.46	3331	95	275.56	-5.35	3	(β7 1.00)
09105-4334	11	-0.96	0.83	-0.21	1.31	3331	0	266.74	3.17	10	(λ12 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
09112-2311	12	-0.23	0.19	0.35	0.35	3333	96	251.54	17.07	6	(α5 1.00)
09116-2439	11	-3.54	0.89	0.18	-0.31	3333	97	252.76	16.18	76	(λ30 0.94)
09118-5723	13	0.92	1.13	-0.37	1.75	3331	75	276.88	-6.22	3	(β4 1.00)
09120-4700	33	1.42	0.91	0.79	3.04	2231	0	269.40	0.98	3	(α3 1.00)
09121+5657	13	0.98	0.02	0.07	1.82	3331	4	159.52	41.98	4	(δ8 1.00)
09126-0345	23	0.68	0.15	-0.05	1.50	3331	0	235.07	29.31	5	(δ8 0.99)
09126-2957	33	1.25	0.05	0.01	2.11	3311	0	256.98	12.79	3	(δ4 0.98)
09126-6930	13	1.14	-0.03	-0.22	2.32	3321	3	285.98	-14.41	4	(δ3 1.00)
09127-3328	33	1.20	0.22	-0.11	2.06	3331	50	259.63	10.41	4	(δ4 1.00)
09134-1528	22	0.41	0.96	0.00	0.36	3331	4	245.63	22.43	3	(λ21 0.98)
09145-4403	23	0.71	0.04	-0.13	3.38	3321	0	267.58	3.35	4	(δ8 1.00)
09147-5719	12	-0.24	0.04	-0.13	1.77	3331	10	277.12	-5.89	10	(δ0 1.00)
09149-3131	13	0.53	0.86	-0.00	0.59	3331	37	258.51	12.09	3	(λ21 0.99)
09157-5903	13	1.10	0.02	-0.12	2.58	3321	15	278.46	-7.01	4	(δ2 1.00)
09161-3248	12	-0.37	0.69	0.54	0.30	3333	0	259.64	11.39	7	(λ25 1.00)
09164-5349	11	-0.68	1.04	-0.29	0.99	3332	2	274.77	-3.28	7	(λ20 1.00)
09170-5520	23	1.23	0.71	0.22	2.83	3331	21	275.92	-4.28	2	(λ18 1.00)
09174-6824	23	1.28	0.52	0.09	1.59	3331	12	285.44	-13.34	3	(λ7 1.00)
09175-5010	23	-0.13	0.67	-0.28	3.78	3331	10	272.29	-0.59	6	(λ30 1.00)
09176-5147	12	-0.50	0.71	0.40	2.76	3331	4	273.45	-1.72	7	(λ30 1.00)
09177-3325	23	1.52	0.16	0.69	3.16	3331	9	260.33	11.20	3	(λ17 1.00)
09178-5556	13	0.66	1.11	0.38	1.49	3331	95	276.42	-4.62	3	(λ24 1.00)
09180+0023	13	0.48	0.20	0.10	1.11	3331	8	231.90	32.73	5	(δ1 1.00)
09180+3436	12	-1.22	-0.06	-0.14	-0.28	3332	16	190.24	44.72	22	(δ0 1.00)
09180+5654	21	-0.38	0.14	-0.14	0.54	3331	34	159.29	42.77	10	(δ0 1.00)
09185-4918	11	-2.34	0.59	-0.57	0.78	3322	85	271.81	0.15	38	(λ30 1.00)
09188-6832	23	0.89	0.59	-0.18	1.40	3331	90	285.64	-13.34	3	(λ24 1.00)
09192-2545	12	0.00	0.09	0.00	0.84	3331	6	254.81	16.72	7	(δ0 1.00)
09194-4518	12	-0.50	1.29	-0.13	0.56	3331	2	269.08	3.10	7	(β0 1.00)
09197-8334	23	0.94	0.88	-0.25	2.72	3331	12	297.46	-23.36	2	(β9 1.00)
09199-5447	22	1.18	3.06	3.09	1.21	3333	6	275.82	-3.60	2	(γ1 1.00)
09203-5220	11	-2.53	0.82	-0.31	1.02	3331	0	274.14	-1.82	36	(β1 1.00)
09205-1408	23	1.08	1.02	-0.13	1.11	3331	0	245.68	24.59	2	(β13 1.00)
09209-2049	23	1.11	0.06	0.02	1.94	3331	26	251.23	20.32	3	(δ3 1.00)
09213-5723	12	-0.65	1.13	-0.05	1.04	3333	46	277.79	-5.32	7	(λ34 1.00)
09217+2623	23	1.15	0.01	0.06	2.00	3331	7	201.76	44.13	3	(δ3 1.00)
09220-4839	11	-2.11	0.69	-0.16	1.64	3331	92	271.74	1.01	29	(λ30 1.00)
09224-3030	12	-0.24	0.86	-0.34	0.20	3331	99	258.89	13.94	5	(β1 1.00)
09232-4345	22	0.36	-0.08	-0.16	3.79	3331	2	268.48	4.67	7	(δ1 1.00)
09235-2347	11	-1.59	1.21	0.25	-0.22	3333	99	254.00	18.76	22	(β0 1.00)
09236-2332	23	1.17	0.45	0.20	1.43	3331	4	253.81	18.94	2	(β12 1.00)
09238-5309	12	0.10	0.95	0.08	3.43	3331	9	275.08	-2.03	5	(λ24 1.00)
09244-5958	23	0.81	0.77	-0.19	3.54	3331	6	279.90	-6.88	3	(λ10 1.00)
09252-2914	12	0.35	0.72	0.02	0.57	3331	6	258.38	15.27	5	(λ30 1.00)
09256-6324	11	-1.38	1.51	0.77	0.09	3333	3	282.41	-9.23	14	(ε1 1.00)
09271-5041	11	-0.13	0.35	0.44	3.00	3331	0	273.74	0.11	6	(α0 1.00)
09273-5157	12	-1.15	0.78	0.00	1.87	3331	20	274.64	-0.79	12	(β8 1.00)
09284+3519	23	1.03	0.03	0.13	1.80	3331	3	189.47	46.93	4	(δ5 1.00)
09285-5047	12	-0.04	0.96	-0.18	3.32	3331	13	273.98	0.20	5	(β1 1.00)
09288+2311	22	-0.03	-0.08	-0.07	1.04	3331	25	206.69	44.86	8	(δ1 1.00)
09289-5808	12	0.30	0.08	-0.14	2.57	3331	4	279.04	-5.15	6	(δ1 1.00)
09292-6351	23	0.91	0.20	0.05	1.75	3331	11	283.03	-9.29	4	(δ5 1.00)
09297-5208	33	1.32	0.60	3.46	1.54	3311	18	275.04	-0.67	2	(λ18 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
09297-5648	11	-1.03	0.11	-0.18	1.86	3331	16	278.21	-4.11	22	(δ0 1.00)
09301+8132	13	0.47	-0.01	-0.06	1.45	3331	7	130.65	32.65	6	(δ1 1.00)
09309-6234	11	-3.06	0.45	-0.26	-0.12	3333	43	282.27	-8.21	79	(λ30 1.00)
09312-7251	23	1.11	0.08	-0.47	3.76	3321	15	289.55	-15.64	3	(δ2 0.96)
09317-5116	12	-0.32	1.48	0.34	1.57	3331	98	274.68	0.17	5	(λ20 1.00)
09331-1428	11	-1.34	0.55	-0.25	0.01	3333	11	248.15	26.70	15	(λ30 1.00)
09336-4746	33	1.13	0.11	0.26	2.68	3331	6	272.56	2.97	3	(α6 0.92)
09337+3123	23	0.93	0.16	-0.27	1.96	3321	1	195.41	47.63	5	(δ6 1.00)
09338-5349	23	0.97	0.83	0.64	4.15	3331	99	276.64	-1.50	4	(λ7 0.98)
09343-6810	33	0.96	0.82	-0.05	1.11	3331	93	286.42	-12.07	3	(β12 1.00)
09350-5314	23	0.84	1.05	0.44	3.40	3331	28	276.37	-0.95	3	(λ28 0.97)
09354-5627	22	0.37	1.79	0.25	2.92	3331	83	278.55	-3.31	3	(ζ4 1.00)
09357-4309	23	0.48	1.06	0.13	1.04	3331	0	269.74	6.66	3	(β2 1.00)
09358+0452	23	1.04	0.02	-0.09	2.04	3321	4	230.16	38.88	4	(δ2 1.00)
09358-1629	23	1.12	0.30	-0.07	1.81	3331	10	250.31	25.83	4	(δ2 1.00)
09367-4930	23	0.95	1.19	-0.10	2.06	3332	8	274.10	2.02	3	(β9 1.00)
09368+7804	12	0.56	0.56	-0.16	1.26	3331	99	133.80	34.95	3	(λ12 1.00)
09370-4826	32	1.04	2.67	1.06	0.06	3333	0	273.43	2.86	2	(γ1 1.00)
09372-0054	13	0.40	-0.02	-0.07	1.40	3331	5	236.49	35.98	6	(δ1 1.00)
09394-4909	22	0.95	1.11	-0.01	3.21	3331	66	274.19	2.58	3	(λ6 1.00)
09406-7239	23	1.33	0.88	-0.09	2.82	3331	16	289.94	-15.02	3	(λ19 1.00)
09409+1415	23	0.60	0.06	-0.19	1.65	3331	0	219.89	44.44	5	(δ2 0.88)
09411-5933	12	-0.26	1.09	0.01	2.81	3331	99	281.17	-5.16	5	(λ30 1.00)
09418-5842	22	0.59	1.33	-0.06	2.10	3331	99	280.69	-4.44	3	(ε1 1.00)
09419-5658	12	0.40	0.93	-0.36	3.33	3331	89	279.58	-3.12	4	(β1 1.00)
09425+3444	11	-2.94	0.60	-0.20	-0.18	3333	99	190.60	49.77	44	(λ34 1.00)
09425-6040	12	0.06	2.35	0.83	-0.45	3332	97	282.04	-5.88	4	(ε0 1.00)
09428-4341	12	-0.05	0.58	0.17	0.71	3331	0	271.07	7.10	5	(α0 1.00)
09428-4630	12	-0.94	0.15	0.23	0.79	3331	30	272.90	4.96	11	(α0 1.00)
09429+5721	12	-0.38	0.08	-0.07	0.52	3331	13	157.15	45.82	9	(δ0 1.00)
09429-2148	11	-3.32	1.34	-0.22	-0.27	3333	5	255.80	23.35	65	(β0 0.73)
09430+2400	23	0.56	-0.10	-0.04	1.63	3331	41	206.82	48.20	5	(δ2 1.00)
09431-4120	23	1.22	0.47	0.27	3.30	3331	0	269.57	8.93	3	(α1 1.00)
09433-2339	22	0.96	0.96	0.03	0.89	3331	1	257.27	22.08	3	(λ6 1.00)
09438-6216	23	0.52	0.02	0.19	3.76	3331	12	283.20	-7.00	5	(δ1 1.00)
09448-4748	11	-0.26	1.76	0.28	-0.38	3331	7	274.00	4.19	4	(ζ4 1.00)
09452+1330	11	-8.06	0.77	0.35	-0.86	3333	99	221.45	45.06	4730	(λ20 1.00)
09453-4828	33	1.23	0.71	-0.44	2.70	3321	0	274.50	3.72	2	(β5 1.00)
09455-5706	13	0.82	0.26	-0.11	4.63	3321	6	280.03	-2.91	4	(λ7 1.00)
09457-4624	12	0.36	0.94	-0.34	1.71	3331	5	273.23	5.36	4	(λ21 0.98)
09459-6916	12	-0.20	0.72	-0.27	0.58	3333	8	287.96	-12.19	7	(λ30 0.98)
09468-5918	13	0.50	0.42	0.10	5.12	3331	31	281.56	-4.49	4	(λ27 1.00)
09470-7150	23	1.09	0.76	-0.22	1.51	3331	11	289.76	-14.09	3	(δ7 1.00)
09476-5722	23	1.24	0.92	-0.39	4.73	3321	95	280.42	-2.92	2	(λ22 1.00)
09480-4147	11	-1.80	1.00	0.08	0.32	3333	0	270.56	9.17	23	(λ34 1.00)
09481-4425	12	-0.48	0.83	-0.12	-0.05	3332	0	272.28	7.16	7	(β8 1.00)
09488-6350	12	0.04	0.70	-0.15	1.29	3331	0	284.65	-7.85	5	(λ30 1.00)
09495-4723	22	0.26	0.99	-0.02	2.27	3331	29	274.36	5.01	4	(λ34 1.00)
09496-5050	11	-0.09	1.20	0.37	1.68	3331	27	276.53	2.34	4	(λ20 1.00)
09497-6851	12	0.56	0.81	-0.24	0.91	3331	7	287.96	-11.66	3	(λ27 0.85)
09499+2614	23	0.72	0.01	-0.15	1.78	3321	0	204.04	50.25	5	(δ2 1.00)
09503-5439	12	0.18	1.52	0.03	3.16	3331	98	279.00	-0.58	4	(β0 1.00)
09508-4345	12	-0.95	0.66	-0.07	0.49	3333	0	272.23	7.97	8	(λ34 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
09510+0611	23	0.74	0.02	0.00	1.63	3331	30	231.32	42.80	5	(δ8 1.00)
09511-5356	11	-1.16	0.55	-0.33	2.45	3331	0	278.65	0.05	14	(λ30 1.00)
09513+1029	23	0.63	0.30	0.14	1.11	3331	9	226.20	45.01	4	(δ2 1.00)
09513-5324	11	-1.86	1.02	0.23	-0.15	3333	75	278.35	0.49	19	(λ30 1.00)
09517+6954	21	-0.68	3.34	3.45	1.09	3333	34	141.41	40.57	12	(γ0 1.00)
09519-6007	13	0.82	0.59	0.06	4.92	3331	41	282.58	-4.72	3	(λ24 1.00)
09521-7508	11	-2.71	0.87	0.10	-0.16	3333	93	292.26	-16.35	42	(α0 1.00)
09526-5701	22	0.36	1.55	0.55	3.16	3331	98	280.73	-2.23	3	(ζ4 1.00)
09529-5506	12	-1.22	0.97	0.32	2.51	3331	89	279.58	-0.69	13	(λ30 1.00)
09533-4120	12	-1.24	0.18	0.34	0.31	3333	0	271.07	10.15	15	(α0 1.00)
09533-6021	22	-0.08	1.05	0.06	1.15	3332	99	282.86	-4.80	5	(λ30 1.00)
09547-5522	13	0.51	0.83	-0.08	5.08	3331	59	279.95	-0.75	4	(α4 1.00)
09548-3543	33	1.15	0.67	-0.08	1.90	3331	3	267.68	14.71	3	(λ19 1.00)
09556-4122	23	0.46	0.53	0.19	2.46	3331	3	271.42	10.40	5	(λ7 1.00)
09562-4031	22	0.38	0.63	-0.08	2.26	3331	5	270.98	11.13	4	(λ12 1.00)
09563-5743	21	1.04	4.59	3.61	1.53	3333	20	281.56	-2.48	4	(γ0 1.00)
09564-5837	11	-1.89	0.68	0.11	1.08	3331	14	282.11	-3.18	27	(λ30 1.00)
09569-4806	33	1.24	0.72	0.65	2.92	3331	5	275.78	5.22	3	(λ10 1.00)
09569-6339	23	0.38	0.67	-0.32	1.49	3331	92	285.24	-7.14	4	(λ27 0.99)
09575+0817	12	-0.08	0.04	-0.15	0.96	3331	50	230.01	45.26	9	(δ0 1.00)
09578-5649	22	0.50	3.22	4.50	1.79	3333	0	281.17	-1.64	6	(γ0 1.00)
09582-5958	12	0.15	0.47	1.17	3.93	3331	1	283.12	-4.12	6	(λ25 1.00)
09587-5056	13	0.02	1.04	0.09	0.99	3331	47	277.74	3.13	5	(λ24 0.99)
09590-5023	12	-0.20	0.90	-0.13	0.26	3331	42	277.44	3.60	6	(β8 1.00)
09593-5540	11	-0.81	1.74	0.18	2.22	3331	66	280.65	-0.61	8	(ζ4 1.00)
10002-4641	12	-0.21	0.65	0.17	0.35	3331	0	275.37	6.67	8	(α0 0.98)
10011-5650	12	-1.11	1.12	0.43	3.40	3331	3	281.54	-1.39	11	(η0 1.00)
10012-0919	33	1.39	0.09	0.07	2.16	3321	1	249.14	35.24	4	(λ31 0.99)
10017-5224	33	0.98	0.66	0.27	3.72	3331	64	278.98	2.22	3	(α6 1.00)
10019-5712	23	1.18	3.71	3.88	1.69	3333	25	281.84	-1.61	3	(γ0 1.00)
10028-5825	11	-1.86	2.08	2.11	0.92	3333	16	282.66	-2.53	13	(ζ4 1.00)
10031-5632	22	0.57	4.30	3.75	1.39	3333	49	281.59	-0.97	5	(γ0 1.00)
10032+1820	22	0.35	0.72	-0.29	0.84	3331	0	217.37	50.95	4	(λ30 1.00)
10033-5950	12	0.03	1.26	-1.11	3.34	3331	99	283.55	-3.63	3	(β2 1.00)
10047-6502	23	1.23	0.98	-0.06	1.63	3331	69	286.76	-7.74	2	(λ29 1.00)
10052+1014	23	0.52	-0.00	0.08	1.36	3331	0	228.95	47.89	5	(δ8 1.00)
10056-5300	11	-2.94	0.97	-0.17	0.18	3333	0	279.82	2.10	59	(β11 1.00)
10058-4015	33	1.13	0.72	0.18	1.14	3331	0	272.30	12.46	2	(λ26 1.00)
10058-5250	33	1.78	1.34	0.07	3.62	3331	98	279.73	2.25	2	(β7 1.00)
10068-6341	12	0.17	0.39	0.16	1.53	3331	6	286.14	-6.52	5	(α0 1.00)
10077-5304	21	-0.11	1.67	-0.17	1.97	3331	65	280.11	2.22	5	(ε1 1.00)
10077-6118	12	0.29	0.28	0.15	2.54	3333	94	284.84	-4.51	5	(δ0 1.00)
10084-5613	23	0.78	0.49	2.03	3.75	3311	3	281.99	-0.30	4	(α5 1.00)
10091-7049	12	-0.49	0.64	-0.16	0.28	3333	0	290.53	-12.19	8	(λ25 1.00)
10095-6054	23	0.98	0.88	0.09	3.32	3311	21	284.80	-4.07	2	(β10 1.00)
10097-3220	23	0.75	0.39	-0.25	1.59	3331	0	268.04	19.27	3	(α6 1.00)
10098-5742	11	-0.33	1.06	0.69	4.48	3321	94	283.00	-1.41	5	(λ20 1.00)
10098-5834	12	0.31	0.07	2.46	3.62	3311	11	283.50	-2.12	6	(δ1 1.00)
10105-5719	23	1.42	2.80	4.25	1.79	3331	21	282.86	-1.03	6	(ζ0 1.00)
10106-6538	22	-0.09	1.29	-0.01	0.06	3331	80	287.61	-7.88	5	(β0 1.00)
10109-5958	33	1.07	0.30	0.47	5.85	3311	0	284.41	-3.19	2	(α4 1.00)
10111-6435	22	0.14	1.01	0.23	0.59	3331	92	287.05	-6.98	4	(β8 0.98)
10112+5635	23	0.38	0.52	0.48	1.08	3333	9	155.66	49.61	5	(δ8 0.98)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
10118-6038	11	-0.63	1.02	-0.09	1.92	3331	98	284.87	-3.68	8	(β1 1.00)
10121-5836	12	0.61	0.63	2.43	3.74	3311	70	283.76	-1.97	4	(λ24 1.00)
10121-5846	23	0.58	0.60	1.59	3.23	3322	7	283.86	-2.11	4	(η1 1.00)
10123-5727	23	1.31	2.82	5.55	2.11	3233	99	283.14	-1.01	7	(γ0 1.00)
10127-6026	22	0.54	1.28	0.21	4.26	3331	27	284.85	-3.45	3	(β2 1.00)
10130-5703	12	0.17	0.94	1.90	3.08	3311	15	282.99	-0.63	5	(η0 1.00)
10131+3049	31	-5.17	0.47	0.26	-0.14	3333	29	197.71	55.96	653	(λ25 1.00)
10133-5413	11	-1.57	0.62	0.01	0.70	3333	79	281.45	1.75	15	(λ30 0.90)
10133-6758	23	0.73	0.98	0.57	0.95	3333	9	289.18	-9.65	3	(λ12 1.00)
10135-2614	23	0.75	0.93	-0.12	0.87	3331	13	264.75	24.63	4	(λ6 1.00)
10138-5404	23	0.76	0.76	-0.47	4.21	3331	20	281.42	1.92	2	(λ21 1.00)
10139-4933	23	0.97	0.70	-0.08	2.32	3332	10	278.92	5.67	3	(λ18 1.00)
10140+1358	13	0.72	-0.05	-0.00	1.70	3331	4	225.43	51.54	5	(δ2 1.00)
10147-5057	12	-0.18	0.12	-0.12	0.98	3331	13	279.79	4.58	9	(δ0 1.00)
10150-6318	22	0.64	1.09	-0.05	2.11	3331	99	286.68	-5.68	3	(β11 0.99)
10153-5540	22	-0.28	0.92	0.42	2.86	3331	39	282.48	0.70	5	(β1 1.00)
10154-4950	22	-0.67	0.30	0.44	0.80	3333	26	279.28	5.57	9	(α5 1.00)
10154-6104	12	-0.57	-0.02	-0.20	3.28	3331	6	285.48	-3.81	13	(δ0 1.00)
10155-4741	13	0.44	0.29	0.18	1.96	3331	0	278.08	7.36	5	(λ7 1.00)
10158-2844	22	-0.58	-0.20	0.05	1.06	3331	0	266.85	22.93	11	(δ1 1.00)
10161-5633	22	-0.82	1.14	-0.49	3.36	3331	0	283.06	0.03	8	(β0 1.00)
10171-6205	12	-0.06	1.41	0.76	0.97	3333	7	286.22	-4.54	5	(ε1 1.00)
10172+2005	12	-1.20	-0.03	0.03	-0.12	3333	11	216.55	54.65	23	(δ0 1.00)
10174-5704	12	-0.42	1.96	0.45	3.69	3321	58	283.50	-0.31	7	(ε2 1.00)
10175-5053	23	1.02	0.93	-0.05	1.33	3331	0	280.13	4.88	2	(λ29 1.00)
10176-5802	11	-1.04	1.26	0.75	2.94	3321	54	284.05	-1.12	7	(β11 1.00)
10177-5446	23	0.56	0.00	0.01	4.52	3331	1	282.28	1.64	5	(δ5 0.98)
10186-6012	11	-2.43	1.04	-0.13	0.85	3331	45	285.33	-2.85	30	(β11 1.00)
10189-3432	11	-1.02	1.00	-0.34	-0.10	3333	98	271.03	18.61	10	(β1 1.00)
10193-7152	23	1.05	0.12	0.05	1.80	3331	0	291.83	-12.59	4	(δ5 0.99)
10194-5625	21	0.57	2.89	1.10	1.81	3331	0	283.37	0.38	3	(γ1 1.00)
10197-5750	21	-2.12	3.40	1.21	0.28	3331	18	284.18	-0.79	23	(γ0 1.00)
10199-5801	12	0.00	0.98	2.14	3.35	3331	13	284.29	-0.93	7	(λ20 1.00)
10211-5922	32	1.03	3.28	1.48	2.83	3331	12	285.15	-1.98	3	(γ1 1.00)
10214+3425	23	0.93	0.10	-0.19	1.94	3331	7	191.16	57.78	5	(δ2 1.00)
10215-5916	11	-2.13	3.91	1.10	-0.57	3333	6	285.14	-1.88	38	(γ1 1.00)
10226+0902	23	0.74	0.06	0.24	1.06	3332	38	233.95	50.92	6	(δ2 1.00)
10226-5229	12	-0.74	1.90	0.24	-0.20	3333	20	281.66	3.96	7	(ζ4 1.00)
10226-5956	11	-1.51	1.04	0.13	3.15	3331	14	285.61	-2.36	17	(β11 1.00)
10226-6039	11	-0.64	1.23	-0.02	2.06	3331	49	285.99	-2.97	7	(β11 1.00)
10227-5404	12	-0.01	0.28	-0.10	3.57	3331	1	282.51	2.63	8	(δ0 1.00)
10231-5823	12	0.70	0.83	0.78	3.18	3322	97	284.85	-1.02	4	(λ24 0.75)
10236-1634	13	-0.12	0.01	-0.04	0.87	3331	0	259.99	33.65	10	(δ1 1.00)
10239-5818	21	-0.33	1.12	0.61	4.16	3331	4	284.89	-0.89	6	(λ20 0.96)
10241-6037	23	1.08	0.96	0.67	3.16	3311	2	286.13	-2.86	2	(β3 1.00)
10242-5639	33	0.97	0.60	1.88	3.23	3311	24	284.06	0.54	4	(λ31 1.00)
10248-3048	23	0.39	0.03	0.04	1.92	3333	5	269.87	22.39	7	(δ8 1.00)
10249-2517	11	-0.67	0.50	0.09	0.42	3333	0	266.40	26.91	9	(α0 1.00)
10255-5559	13	0.64	0.99	0.53	2.77	3333	12	283.87	1.20	3	(λ24 1.00)
10256-2108	23	0.61	0.46	-0.09	2.42	3331	0	263.74	30.35	5	(λ7 1.00)
10256-3258	13	0.73	0.94	-0.33	1.04	3331	0	271.33	20.70	2	(λ29 1.00)
10257-7254	23	1.22	0.05	0.09	1.99	3331	0	292.83	-13.20	4	(δ5 1.00)
10259-4044	33	1.17	0.37	0.33	1.39	3331	10	275.82	14.22	3	(α1 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
10261-5055	12	-0.28	1.02	-0.22	0.81	3332	99	281.31	5.57	6	(β1 1.00)
10267-5658	22	-0.14	1.46	1.98	1.15	3332	0	284.53	0.44	5	(η0 1.00)
10272-6354	13	0.04	0.12	-0.18	2.56	3331	3	288.16	-5.47	8	(δ0 1.00)
10274-6455	33	1.25	0.20	1.88	1.93	3333	23	288.70	-6.32	4	(δ3 1.00)
10277-5730	23	1.48	2.75	4.62	1.93	3333	99	284.90	0.06	4	(ζ0 1.00)
10277-5742	23	0.19	1.15	1.25	2.85	3311	23	285.01	-0.12	4	(ε1 1.00)
10280-8405	22	0.17	0.49	-0.28	2.52	3331	28	299.31	-22.53	7	(λ25 1.00)
10282-5231	13	0.35	0.89	0.22	0.99	3331	17	282.41	4.36	4	(λ27 1.00)
10286-5838	12	1.99	4.81	3.46	1.74	3333	7	285.59	-0.85	3	(γ0 1.00)
10287-5733	12	-1.19	1.35	0.14	2.68	3311	1	285.05	0.08	10	(ε1 1.00)
10289-5305	33	1.54	1.30	-0.06	3.95	3331	59	282.80	3.94	2	(β7 1.00)
10295+1423	23	0.48	0.05	-0.07	1.41	3331	13	227.67	55.08	6	(δ1 1.00)
10298-7257	13	0.50	0.13	-0.10	1.41	3331	8	293.12	-13.08	5	(δ1 0.53)
10305+7001	12	-0.16	0.71	-0.17	0.16	3332	5	138.39	43.01	6	(λ30 1.00)
10308-6122	23	1.41	2.29	5.00	2.08	3333	12	287.21	-3.06	4	(ζ0 1.00)
10308-6707	23	1.43	0.48	0.38	2.49	3332	17	290.14	-8.04	3	(α6 1.00)
10310-6555	13	0.62	0.14	0.36	1.71	3331	4	289.54	-6.99	4	(δ1 1.00)
10311-5506	13	0.59	1.36	-0.13	3.50	3331	98	284.10	2.37	3	(β2 1.00)
10315-5757	21	-0.43	1.27	0.61	3.42	3321	10	285.58	-0.08	6	(β11 1.00)
10315-6313	22	0.19	1.31	-0.20	3.42	3331	99	288.23	-4.63	4	(β11 1.00)
10318-6132	33	1.84	1.48	1.23	4.86	3311	99	287.40	-3.16	2	(α3 1.00)
10320-5928	21	0.23	4.03	3.41	1.66	3333	3	286.39	-1.35	5	(γ0 1.00)
10321-6021	12	-0.80	1.16	1.10	3.15	3311	0	286.84	-2.12	8	(β0 1.00)
10323-4611	11	-3.19	1.14	0.09	-0.17	3333	15	279.75	10.16	46	(ε1 1.00)
10323-5735	12	-1.37	1.31	0.37	3.01	3311	5	285.49	0.29	13	(β11 1.00)
10325-6227	12	-0.86	0.29	0.39	2.70	3331	0	287.93	-3.90	10	(α0 1.00)
10326-4441	13	0.12	0.79	-0.05	0.95	3331	0	279.02	11.49	4	(λ27 1.00)
10329-3918	11	-1.93	0.13	1.33	0.84	3333	2	276.22	16.14	33	(δ0 1.00)
10336-5718	23	0.31	0.08	1.79	3.40	3331	7	285.49	0.64	7	(δ0 1.00)
10342-7027	12	0.59	0.59	-0.08	1.00	3331	14	292.11	-10.76	3	(β9 1.00)
10348-2709	13	0.13	0.01	-0.00	1.04	3331	4	269.64	26.65	7	(δ1 1.00)
10348-7820	12	-0.25	0.04	-0.03	1.10	3332	11	296.28	-17.53	10	(δ0 1.00)
10350-5710	12	0.47	1.30	0.53	3.78	3331	18	285.60	0.83	3	(λ20 1.00)
10356-5844	11	-1.34	1.24	1.12	2.08	3323	9	286.43	-0.50	12	(β11 1.00)
10359-5955	11	-1.76	0.96	-0.29	3.93	3321	6	287.04	-1.51	17	(β1 1.00)
10360-5633	12	-0.79	0.85	-0.30	3.16	3331	4	285.42	1.45	8	(β8 1.00)
10365-5704	23	1.06	1.10	1.32	3.08	3311	86	285.72	1.03	3	(β12 1.00)
10366-5931	23	0.00	1.72	1.89	1.96	3311	17	286.92	-1.11	3	(ζ0 1.00)
10368-5855	33	0.35	0.03	2.23	4.80	3311	17	286.65	-0.57	6	(δ4 1.00)
10368-6010	12	0.30	1.15	1.37	4.44	3321	61	287.26	-1.67	4	(λ20 0.97)
10368-6033	12	-0.19	0.39	2.28	3.49	3311	29	287.45	-2.01	5	(α5 1.00)
10375-4802	12	-0.23	1.03	-0.05	0.45	3331	5	281.45	9.00	5	(λ20 0.92)
10377-5846	33	0.65	1.41	1.27	4.61	3311	9	286.68	-0.39	3	(ε2 1.00)
10379-5817	11	-1.42	1.35	0.21	3.23	3331	50	286.48	0.05	13	(ε1 1.00)
10380-5247	23	0.97	0.98	-0.20	3.74	3331	5	283.83	4.89	3	(λ24 0.97)
10383-7741	11	-0.68	0.82	0.06	0.49	3333	22	296.10	-16.88	9	(λ30 1.00)
10389-5149	23	1.06	0.22	0.74	3.45	3331	23	283.50	5.80	4	(δ5 1.00)
10389-5306	11	0.02	1.32	-0.10	1.52	3332	99	284.12	4.66	5	(β1 1.00)
10393+3157	13	0.47	0.09	-0.13	1.43	3331	5	195.85	61.59	5	(δ1 1.00)
10394-5747	12	-1.75	1.05	0.29	2.12	3333	50	286.41	0.58	12	(β11 1.00)
10395+6920	23	1.14	-0.04	-0.17	2.27	3321	1	138.24	44.04	3	(δ3 1.00)
10401-5327	11	-1.03	1.08	-0.40	1.85	3331	11	284.43	4.44	10	(β0 1.00)
10403-7612	11	-0.43	0.90	0.06	0.41	3333	76	295.43	-15.53	5	(β8 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
10404-5825	33	0.59	0.62	2.07	3.31	3311	89	286.83	0.08	3	(α5 1.00)
10411+6902	11	-1.30	0.97	-0.34	0.10	3333	99	138.36	44.36	12	(β8 1.00)
10416+6740	12	-0.66	0.14	0.72	1.14	3333	23	139.59	45.42	11	(δ0 1.00)
10416-6018	13	0.02	0.06	2.90	3.43	3311	5	287.85	-1.50	7	(δ2 1.00)
10416-6313	11	-0.86	1.30	0.18	2.36	3331	29	289.22	-4.07	7	(β0 1.00)
10420-5249	23	1.36	0.37	0.53	3.97	3331	3	284.40	5.14	3	(δ3 1.00)
10422-5338	23	1.13	1.14	-0.19	4.27	3331	87	284.80	4.43	2	(β7 1.00)
10423-5748	11	-0.53	0.96	0.75	2.88	3311	24	286.76	0.76	5	(β8 1.00)
10425-6252	23	1.11	1.09	-0.21	4.99	3331	99	289.15	-3.72	3	(β4 1.00)
10427-7148	23	0.78	0.22	0.00	1.55	3331	8	293.39	-11.59	3	(δ5 1.00)
10435-4711	23	0.74	0.06	-0.10	1.99	3331	0	281.94	10.22	5	(δ8 1.00)
10436-3459	12	-0.08	0.73	-0.29	0.58	3332	7	275.86	20.94	5	(λ24 1.00)
10439-4955	33	1.11	0.90	-0.60	3.83	3331	28	283.28	7.84	2	(β5 1.00)
10442+6552	23	1.21	0.17	0.15	1.81	3331	0	141.05	46.92	3	(δ6 1.00)
10442-6521	23	1.05	0.14	0.31	2.63	3331	0	290.46	-5.82	3	(δ7 1.00)
10449-4339	13	0.55	0.23	0.45	1.88	3331	1	280.47	13.47	3	(α4 1.00)
10456-5712	11	-2.06	1.02	0.45	-0.02	3333	1	286.87	1.49	21	(β8 1.00)
10457+3633	22	0.49	0.96	-0.18	0.62	3331	12	185.82	62.45	4	(λ28 1.00)
10460-5811	22	0.64	3.65	3.27	1.08	3332	9	287.37	0.64	3	(γ0 1.00)
10469-5355	12	-0.23	0.78	-0.13	2.73	3331	12	285.54	4.50	6	(λ34 1.00)
10469-5620	23	0.31	0.38	0.21	3.65	3331	1	286.64	2.35	4	(λ7 0.98)
10471-1555	13	-0.23	-0.01	-0.04	0.74	3331	3	265.05	37.56	10	(δ1 1.00)
10481-6930	12	-0.26	1.82	-0.29	-0.67	3331	20	292.71	-9.35	4	(ε2 1.00)
10484-5943	12	-0.66	1.21	1.60	2.51	3311	13	288.33	-0.59	8	(β0 1.00)
10489-2821	22	0.78	0.61	-0.29	1.38	3331	0	273.32	27.25	3	(λ28 1.00)
10492-3416	11	-0.56	0.76	-0.07	0.44	3332	13	276.56	22.12	9	(λ30 1.00)
10495-5815	22	-0.08	1.37	-0.07	3.88	3331	91	287.80	0.79	5	(β0 1.00)
10501-6213	22	0.34	0.70	-0.08	3.69	3311	8	289.63	-2.73	4	(λ24 1.00)
10505+3428	13	0.88	-0.03	-0.05	1.87	3331	6	190.01	63.73	5	(δ2 1.00)
10509-6022	22	0.55	1.28	0.38	5.05	3331	75	288.90	-1.04	3	(β9 1.00)
10509-6144	33	1.29	0.05	2.08	3.58	3311	7	289.50	-2.27	3	(δ4 1.00)
10511-5251	23	0.16	0.77	-0.06	2.10	3331	2	285.64	5.73	5	(λ24 0.86)
10517-5239	12	0.25	1.43	-0.23	2.47	3331	2	285.63	5.95	4	(β11 0.97)
10518-4905	22	0.52	0.51	-0.04	1.60	3331	18	284.07	9.17	4	(λ28 1.00)
10520-6049	11	-1.02	0.75	1.09	3.41	3311	0	289.22	-1.39	9	(β0 1.00)
10521+7208	21	-0.25	0.94	0.18	0.12	3333	99	134.72	42.51	5	(β8 1.00)
10521-6146	22	0.08	1.24	0.39	2.78	3331	10	289.64	-2.24	4	(β0 1.00)
10522-7223	22	0.34	1.03	0.09	0.57	3333	3	294.33	-11.78	3	(λ21 1.00)
10530-5847	12	0.30	1.34	-0.43	4.21	3331	31	288.45	0.50	4	(β11 1.00)
10537+7436	22	-0.13	0.13	-0.10	0.76	3331	0	132.69	40.56	9	(δ8 0.77)
10537-5930	23	2.16	2.89	4.70	2.08	2332	12	288.85	-0.11	5	(η1 1.00)
10537-6207	33	1.06	1.38	0.43	3.14	3331	97	289.97	-2.48	2	(α3 1.00)
10541-5936	12	0.03	0.82	1.54	2.59	3311	25	288.93	-0.18	5	(β1 1.00)
10541-6325	12	-0.31	1.14	-0.06	2.19	3331	90	290.57	-3.63	6	(β8 0.99)
10548-6902	22	0.69	0.96	0.06	0.80	3331	27	293.05	-8.67	3	(λ28 0.64)
10552-6107	21	-1.35	1.35	-0.68	5.47	3311	24	289.70	-1.49	11	(λ20 1.00)
10556+7015	23	1.02	0.23	0.14	1.57	3331	32	135.93	44.20	4	(α1 1.00)
10558-6537	13	0.81	0.38	-0.07	2.67	3331	0	291.66	-5.54	3	(α6 1.00)
10562-6235	11	-1.43	0.68	-0.12	4.66	3331	19	290.43	-2.78	16	(λ30 1.00)
10567+3621	23	0.97	0.07	-0.13	1.95	3331	0	185.25	64.66	4	(δ2 1.00)
10567-6222	33	1.14	0.25	0.79	3.78	3311	7	290.40	-2.55	3	(δ5 0.99)
10580-1803	11	-3.38	0.77	-0.10	0.11	3333	2	269.27	37.20	75	(λ34 1.00)
10591-5848	23	0.52	1.09	0.71	3.42	3311	74	289.19	0.81	4	(α5 0.60)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
10591-5934	22	0.38	2.36	5.01	1.73	2333	0	289.50	0.12	11	(ζ0 1.00)
10592-0212	23	0.28	0.00	-0.01	1.21	3331	0	256.87	50.32	5	(δ5 1.00)
10595-6046	12	-0.54	1.25	1.70	5.19	3311	0	290.03	-0.96	9	(ε1 0.63)
10599-4050	13	-0.04	0.07	-0.12	0.92	3331	23	281.72	17.22	8	(δ1 1.00)
11000-6153	22	0.27	1.18	1.49	2.94	3333	24	290.54	-1.95	4	(λ28 1.00)
11002-7114	33	1.23	1.25	0.19	0.80	3331	33	294.41	-10.48	2	(λ6 1.00)
11006+6201	11	-1.20	-0.02	-0.16	-0.17	3333	5	142.85	51.01	22	(δ0 1.00)
11009-6117	22	0.85	1.05	2.69	3.16	3311	1	290.39	-1.35	3	(λ12 1.00)
11010-0256	22	-0.10	0.55	0.07	-0.03	3332	6	258.13	50.05	7	(λ25 1.00)
11010-6038	12	0.36	1.04	2.18	3.09	3312	12	290.14	-0.76	4	(λ34 0.99)
11011-6651	22	-0.44	0.77	0.09	0.31	3331	0	292.67	-6.44	8	(λ12 1.00)
11016-6000	13	0.51	1.19	0.27	4.29	3331	97	289.96	-0.14	4	(β2 1.00)
11022-5057	11	-0.56	0.59	-0.00	2.03	3331	0	286.39	8.19	10	(λ30 1.00)
11023-5231	12	0.62	1.47	0.27	0.96	3333	47	287.03	6.75	3	(ε2 1.00)
11024-6241	23	0.53	0.74	2.49	1.83	3333	12	291.12	-2.57	4	(λ28 1.00)
11026-5923	23	1.13	1.14	1.19	3.60	3311	43	289.82	0.47	2	(ε2 1.00)
11034-6618	23	0.90	0.81	0.02	2.49	3331	48	292.66	-5.85	3	(β9 1.00)
11041-5820	22	0.41	1.10	-0.09	3.81	3311	12	289.59	1.50	4	(β3 0.93)
11050-5410	33	1.12	0.45	0.08	3.79	3331	21	288.06	5.40	4	(α1 1.00)
11051-5451	23	1.39	0.39	0.70	3.78	3331	4	288.34	4.77	2	(α6 1.00)
11059-7119	23	0.98	0.63	-0.10	1.37	3331	20	294.86	-10.37	3	(λ18 1.00)
11064-5842	13	0.73	0.07	0.58	4.75	3321	2	290.01	1.29	4	(δ2 1.00)
11065+3634	12	-0.27	0.11	-0.15	0.68	3331	1	183.57	66.52	10	(δ1 1.00)
11065-6026	21	0.87	4.58	1.38	0.29	3331	3	290.69	-0.31	4	(γ1 1.00)
11065-8131	23	1.02	0.21	0.67	1.05	3332	2	299.12	-19.70	3	(δ5 1.00)
11066-7722	22	0.73	2.67	2.48	2.49	3331	98	297.37	-15.91	3	(ζ0 1.00)
11068+4328	23	0.76	-0.04	-0.01	1.74	3331	3	168.30	63.89	4	(δ3 1.00)
11068+4446	23	-0.10	0.01	-0.23	1.05	3331	8	165.80	63.23	8	(δ1 1.00)
11073-6325	13	0.37	0.95	-0.02	3.39	3331	7	291.91	-3.02	4	(α4 0.86)
11079-6211	12	0.28	1.10	0.37	4.72	3331	40	291.51	-1.86	4	(λ20 0.92)
11081-4203	12	-0.06	0.86	-0.01	0.69	3333	0	283.71	16.75	4	(β8 1.00)
11093-6244	23	1.13	0.62	1.07	3.87	3311	12	291.87	-2.30	2	(λ31 0.97)
11098-5809	12	-0.14	0.10	0.20	2.64	3332	15	290.21	1.97	7	(δ0 1.00)
11113-5949	11	-1.98	0.78	-0.21	2.37	3331	8	291.01	0.49	20	(β8 0.98)
11125+7524	12	-1.27	0.90	-0.24	0.33	3333	0	130.78	40.50	12	(λ34 0.98)
11128-1118	23	0.84	0.18	-0.17	1.75	3331	0	268.74	44.81	5	(δ5 1.00)
11143-6113	12	0.14	3.81	3.23	1.88	3331	0	291.86	-0.68	7	(γ0 1.00)
11145-6534	11	-2.02	1.00	0.26	0.23	3333	96	293.43	-4.74	25	(λ30 1.00)
11147+0217	23	0.86	0.08	0.06	1.64	3331	0	257.01	56.25	4	(δ2 1.00)
11152-6733	23	0.56	0.01	-0.02	2.33	3331	13	294.21	-6.56	5	(δ1 0.94)
11153-2152	13	-0.10	0.19	-0.13	0.76	3331	27	275.95	35.77	7	(δ1 1.00)
11157+3322	13	-0.25	-0.03	-0.06	0.76	3331	5	190.73	69.08	10	(δ0 1.00)
11162-6121	23	1.50	1.26	4.04	2.28	3312	92	292.11	-0.73	3	(β4 0.97)
11163-3012	12	0.28	0.84	-0.04	0.40	3331	5	280.30	28.30	5	(β8 0.99)
11163-5906	23	0.79	1.39	-0.10	3.79	3331	71	291.34	1.39	3	(ε2 1.00)
11164-5754	12	-0.64	0.27	0.14	2.91	3331	15	290.94	2.51	13	(λ25 1.00)
11168-1430	13	0.43	-0.01	-0.13	1.48	3331	2	272.07	42.51	7	(δ1 1.00)
11169-6111	23	0.22	-0.29	4.25	2.21	3222	11	292.14	-0.54	5	(ε0 1.00)
11179+6537	33	1.53	0.78	-0.10	1.78	3321	36	137.15	49.20	3	(λ15 1.00)
11179-6458	11	-1.69	1.19	-0.14	1.12	3331	2	293.56	-4.05	17	(β11 1.00)
11186-5528	11	-1.91	0.54	0.16	-0.15	3333	42	290.37	4.91	26	(α0 1.00)
11189-5829	33	1.62	0.77	0.26	4.57	3311	14	291.45	2.08	2	(λ16 1.00)
11192-5638	12	0.43	1.56	0.20	2.27	3331	11	290.85	3.83	3	(ε1 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
11192-5709	23	0.94	1.14	-0.13	3.36	3331	8	291.03	3.35	3	(β7 1.00)
11202-5305	12	-0.38	1.14	0.27	1.38	3331	0	289.78	7.22	6	(λ28 0.98)
11207-3553	33	0.97	0.10	-0.27	2.06	3331	2	283.64	23.38	3	(δ5 1.00)
11211-6106	12	-0.17	1.29	-0.06	3.77	3311	0	292.58	-0.29	6	(β1 1.00)
11212-7626	22	0.22	0.25	0.26	1.15	3331	1	297.80	-14.73	6	(δ0 1.00)
11213-1938	23	0.17	0.54	-0.09	0.78	3333	2	276.36	38.40	6	(λ25 1.00)
11214-6448	22	0.20	1.64	0.02	2.43	3331	35	293.85	-3.77	4	(ε1 1.00)
11218-6129	13	0.48	1.18	0.63	4.61	3331	78	292.80	-0.63	3	(β9 1.00)
11220-1035	13	0.47	0.03	0.10	1.33	3331	0	271.04	46.57	6	(δ1 1.00)
11231-3728	13	0.39	0.09	-0.13	1.43	3331	0	284.73	22.07	6	(δ1 1.00)
11238-2528	23	0.50	0.09	-0.09	1.41	3331	0	279.92	33.29	5	(δ2 0.99)
11238-5105	23	0.69	0.65	-0.03	2.65	3331	0	289.64	9.30	4	(λ7 1.00)
11244-5835	22	1.17	1.72	0.12	3.15	3331	93	292.17	2.22	2	(ε2 1.00)
11246-6105	12	0.30	1.00	0.37	4.32	3331	0	292.99	-0.13	5	(λ28 1.00)
11259+4950	23	1.40	0.09	0.04	2.19	3331	27	152.68	62.52	3	(α2 1.00)
11268-6437	22	0.24	0.64	1.07	2.55	3321	50	294.34	-3.42	4	(α0 1.00)
11272-6901	12	-0.11	0.73	0.35	0.06	3331	17	295.76	-7.58	5	(α0 1.00)
11273-5723	23	0.75	1.11	-0.10	3.19	3331	17	292.14	3.48	3	(β9 1.00)
11276-5851	23	0.83	0.47	0.20	4.20	3331	29	292.64	2.10	3	(α5 1.00)
11280-5528	23	1.00	0.58	0.28	3.01	3322	7	291.65	5.34	3	(λ7 1.00)
11284+6936	12	-0.71	0.08	-0.11	0.24	3331	0	132.98	46.21	15	(δ0 1.00)
11284-7419	23	0.85	0.33	0.27	2.58	3331	0	297.53	-12.59	4	(δ3 0.85)
11287-6918	12	-0.72	1.03	-0.06	0.89	3333	17	295.97	-7.80	7	(λ34 1.00)
11290-6409	23	1.12	0.22	2.99	4.02	3311	0	294.42	-2.89	3	(δ5 1.00)
11294-6257	33	1.87	1.63	5.17	2.35	3333	85	294.11	-1.74	3	(ζ0 1.00)
11296-4431	12	-0.44	1.65	0.10	-0.16	3333	80	288.43	15.82	5	(ε1 1.00)
11298-5245	23	1.16	0.22	0.35	3.28	3331	20	291.06	8.00	3	(δ7 1.00)
11299-2628	33	0.99	0.08	0.12	1.72	3321	2	281.86	32.87	3	(δ3 0.97)
11303-4009	23	0.97	0.07	0.01	1.88	3331	0	287.12	20.01	5	(δ2 0.98)
11304-3048	23	0.59	0.08	-0.06	2.12	3321	0	283.75	28.84	6	(δ2 0.99)
11304-4948	23	1.08	0.47	0.40	1.59	3331	12	290.24	10.84	3	(λ31 1.00)
11304-6206	22	1.39	4.27	3.87	1.77	1312	99	293.95	-0.89	3	(γ0 1.00)
11305-3134	23	0.96	-0.02	0.09	1.81	3321	1	284.07	28.13	4	(δ2 1.00)
11308-1020	11	-0.77	0.52	0.26	-0.26	3333	0	273.70	47.78	10	(α0 1.00)
11312-6955	11	-0.92	2.98	1.46	0.55	3333	1	296.37	-8.32	7	(γ0 1.00)
11316-6028	33	0.93	1.30	0.53	3.97	3331	34	293.60	0.70	3	(λ24 0.98)
11318-7256	11	-2.70	0.38	0.17	0.24	3333	42	297.33	-11.20	52	(α0 1.00)
11321-7135	23	0.93	0.88	-0.06	1.03	3331	6	296.95	-9.90	3	(λ18 1.00)
11325-6030	33	1.44	0.07	1.08	5.35	3321	13	293.72	0.71	2	(δ6 1.00)
11332-6258	11	1.53	3.39	4.65	2.07	3331	83	294.51	-1.62	4	(ζ0 1.00)
11333-5752	23	1.00	1.33	0.13	2.73	3331	99	293.05	3.26	3	(β7 1.00)
11342-6240	23	0.48	0.94	2.38	3.32	3311	14	294.54	-1.31	3	(β3 1.00)
11345-6054	33	1.32	0.14	2.31	3.60	3311	8	294.08	0.40	3	(δ3 1.00)
11350-3904	23	1.03	0.07	-0.06	2.83	3311	0	287.68	21.32	3	(δ6 1.00)
11352-6037	13	-0.69	-0.89	3.17	0.61	3113	-1	294.07	0.69	11	(δ0 1.00)
11354-6154	22	0.97	3.19	4.50	1.58	3332	65	294.46	-0.52	6	(ζ0 1.00)
11354-6454	13	0.50	0.63	0.30	3.42	3331	6	295.30	-3.41	3	(λ24 1.00)
11356-6144	12	0.21	1.67	0.62	3.24	2331	62	294.43	-0.36	4	(η0 1.00)
11357-6713	13	0.60	1.10	-0.41	2.10	3331	11	295.98	-5.62	3	(β4 1.00)
11358+0824	22	-0.86	0.06	0.00	0.20	3331	1	257.27	64.32	16	(δ0 1.00)
11371-7216	13	0.69	0.64	0.61	0.53	3332	14	297.53	-10.45	4	(δ8 0.99)
11385-5722	23	0.97	0.46	-0.55	2.82	3331	41	293.59	3.93	3	(λ7 0.86)
11405-5726	23	0.81	1.59	0.22	2.27	3331	86	293.87	3.94	3	(ε2 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
11418-6706	22	0.44	1.69	0.53	0.58	3331	99	296.52	-5.36	4	(ζ4 0.99)
11431-6516	22	0.95	3.07	4.16	1.57	3333	11	296.18	-3.55	4	(ζ0 1.00)
11434+4803	13	0.42	0.03	-0.14	1.44	3331	11	150.32	65.72	6	(δ1 1.00)
11438-6330	11	-2.19	2.32	0.85	-0.50	3333	7	295.81	-1.82	37	(ζ3 1.00)
11440-6033	23	0.90	0.41	1.48	3.57	3311	24	295.10	1.05	3	(α6 1.00)
11448-5724	23	0.79	0.03	0.17	4.16	3331	18	294.42	4.11	5	(δ8 1.00)
11449-7620	12	-0.34	0.17	-0.03	0.50	3331	7	299.15	-14.22	10	(δ0 1.00)
11450-6245	22	-0.32	0.97	0.94	4.38	3331	63	295.76	-1.06	6	(λ34 1.00)
11452-4553	11	-0.42	0.88	0.14	0.24	3333	0	291.58	15.28	6	(λ34 1.00)
11458-6632	23	0.57	0.11	0.31	2.86	3331	0	296.76	-4.70	6	(δ8 1.00)
11461-3542	11	-2.63	1.02	-0.14	-0.03	3323	0	288.93	25.17	45	(λ34 1.00)
11462-2628	11	-0.93	0.07	0.02	-0.05	3333	2	286.01	34.05	17	(δ0 1.00)
11463-6220	22	0.21	1.32	0.12	4.53	3311	1	295.80	-0.62	4	(ε2 0.99)
11463-6320	12	-0.38	1.19	0.38	4.49	3331	99	296.04	-1.59	7	(λ30 1.00)
11466-4128	12	-1.56	0.52	-0.23	-0.25	3332	0	290.67	19.63	16	(β8 1.00)
11467-6234	11	0.12	1.29	0.66	4.16	3311	44	295.90	-0.84	3	(ε2 1.00)
11473-2718	12	-0.32	0.67	-0.18	0.42	3331	5	286.58	33.33	7	(β8 1.00)
11482-4718	22	0.43	1.45	0.74	-0.04	3333	99	292.45	14.05	4	(ε1 1.00)
11482-6633	22	0.28	1.08	-0.44	2.20	3331	45	296.99	-4.67	4	(β2 0.97)
11485-4849	22	0.05	1.23	-0.07	0.10	3333	1	292.86	12.58	5	(β1 1.00)
11486-4453	23	1.04	-0.00	0.12	1.91	3311	0	291.91	16.41	3	(δ5 1.00)
11492-6052	12	-0.24	1.00	0.03	3.25	3331	43	295.79	0.88	6	(β1 1.00)
11494-5620	12	-0.50	1.14	-0.25	0.64	3332	13	294.77	5.30	7	(β1 1.00)
11496-6136	13	0.46	0.89	0.15	4.34	3331	92	296.01	0.18	4	(λ7 0.98)
11499-6229	23	1.49	0.87	3.87	1.75	3313	18	296.24	-0.66	2	(ε0 1.00)
11501-0719	12	-0.69	0.63	0.02	0.22	3332	0	278.59	52.48	10	(λ25 1.00)
11505-6222	33	1.34	1.37	2.03	4.04	3311	35	296.28	-0.54	3	(ε0 1.00)
11509-7534	12	-0.04	0.96	-0.32	1.95	3331	6	299.32	-13.39	5	(β8 0.92)
11514-5841	12	-0.54	1.26	0.19	1.87	3331	19	295.57	3.07	7	(λ20 1.00)
11516-6201	12	0.27	2.25	1.34	1.02	3333	47	296.33	-0.18	5	(ζ3 1.00)
11519-7029	23	1.12	1.02	-0.43	1.60	3331	0	298.23	-8.42	2	(β5 1.00)
11525-5057	12	-1.31	1.26	-0.08	-0.14	3333	98	294.01	10.65	13	(β0 1.00)
11525-5858	12	0.23	0.60	-0.06	3.79	3331	23	295.77	2.83	5	(λ25 0.99)
11525-6838	23	1.08	0.46	-0.04	2.25	3331	3	297.87	-6.61	2	(α6 1.00)
11528-5902	12	0.22	1.52	-0.05	2.84	3331	4	295.83	2.77	4	(ε1 1.00)
11538+5808	11	-0.89	0.57	-0.09	0.10	3333	1	136.63	57.77	13	(λ25 1.00)
11538-3359	23	1.17	0.44	-0.05	1.69	3331	25	290.17	27.23	3	(λ16 1.00)
11538-6301	23	1.54	1.23	4.83	2.06	3111	13	296.79	-1.08	2	(β3 1.00)
11541-6211	12	0.44	0.86	1.60	4.03	3311	17	296.65	-0.26	3	(λ12 1.00)
11544-6408	32	0.89	2.50	0.94	1.11	3331	21	297.09	-2.17	2	(ζ3 1.00)
11549-6833	12	0.50	0.75	0.03	1.35	3331	67	298.07	-6.48	3	(β8 0.96)
11555-7010	23	0.71	0.67	-0.01	1.29	3331	6	298.46	-8.04	3	(λ28 0.90)
11560-5613	23	0.99	0.89	-0.03	3.45	3331	0	295.65	5.62	3	(λ6 1.00)
11563+7719	33	1.63	0.59	0.07	2.39	3331	46	126.72	39.69	3	(δ4 1.00)
11567-2652	23	0.77	1.07	-0.48	1.10	3331	1	288.88	34.29	3	(β7 1.00)
11567-6256	12	0.30	1.35	1.54	3.76	3311	90	297.10	-0.93	4	(β2 0.99)
11575+1941	23	0.72	0.03	0.13	1.49	3331	6	243.42	75.92	5	(δ2 0.87)
11575-7754	13	0.19	1.53	1.39	0.64	3333	0	300.23	-15.59	4	(ε1 1.00)
11577+8107	23	0.98	0.03	-0.05	1.92	3331	1	125.42	36.03	4	(δ8 1.00)
11589-6447	22	0.27	0.99	0.16	3.01	3331	3	297.70	-2.71	4	(β2 1.00)
12000-7034	33	1.10	0.32	0.07	1.86	3331	0	298.92	-8.37	4	(δ6 1.00)
12002-6711	23	0.81	0.25	0.37	2.53	3331	80	298.29	-5.04	3	(α5 1.00)
12006-6226	33	1.54	0.97	3.11	3.88	3311	38	297.44	-0.36	3	(α1 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
12006-6558	23	1.08	0.67	0.56	2.49	3331	15	298.10	-3.83	2	(λ10 1.00)
12016+1903	13	0.31	0.87	0.17	0.22	3331	7	248.03	76.32	4	(λ27 1.00)
12020+0254	22	-0.08	1.01	-0.06	0.17	3331	6	276.35	63.05	4	(β0 0.92)
12021-7614	23	0.99	0.06	-0.06	3.43	3331	6	300.15	-13.90	4	(δ2 0.75)
12023-6041	33	0.93	0.05	1.49	4.09	3311	6	297.32	1.40	5	(δ2 1.00)
12024-6057	23	1.03	1.18	0.00	4.66	3331	0	297.38	1.14	3	(β4 1.00)
12035-7316	23	0.74	0.06	0.08	2.36	3331	19	299.69	-10.97	5	(δ8 0.90)
12041-5050	22	0.14	1.26	-0.14	0.01	3331	5	295.81	11.13	4	(β2 1.00)
12041-6307	13	0.50	0.93	2.01	4.38	3311	29	297.96	-0.96	3	(λ34 1.00)
12042-6355	12	-0.56	1.88	0.54	2.64	3331	36	298.10	-1.75	5	(ζ4 1.00)
12043-6225	11	-0.16	1.42	-0.26	5.01	3321	6	297.86	-0.27	4	(β11 1.00)
12046-6509	23	0.62	1.09	0.20	2.33	3331	13	298.36	-2.96	3	(λ21 1.00)
12057-5026	13	0.67	0.93	0.89	0.78	3333	12	295.99	11.57	4	(δ8 0.99)
12063-6259	11	-0.62	3.84	3.51	1.33	3333	27	298.18	-0.79	9	(γ0 1.00)
12073-6233	11	-3.27	3.68	2.92	1.18	2333	1	298.22	-0.34	90	(γ0 1.00)
12074-5622	12	-0.10	0.66	-0.06	2.78	3331	16	297.23	5.76	5	(λ30 1.00)
12075-2220	12	-0.40	0.04	0.07	0.67	3221	0	290.59	39.26	10	(δ0 1.00)
12085-6409	13	0.27	0.33	0.56	3.23	3321	27	298.61	-1.90	5	(α5 1.00)
12104-4955	12	-0.49	0.51	0.03	0.05	3331	0	296.67	12.20	8	(λ25 1.00)
12105-5114	22	0.39	0.72	0.11	1.06	3332	12	296.89	10.90	4	(λ25 1.00)
12106-3350	12	-1.05	0.35	-0.06	0.16	3333	8	293.97	28.08	15	(δ0 1.00)
12112-6158	33	0.56	1.44	1.80	3.08	3311	66	298.58	0.31	3	(β6 1.00)
12118-5115	12	0.18	0.56	0.85	0.38	3333	21	297.10	10.92	5	(λ25 0.99)
12123-5432	23	0.68	0.30	-0.04	3.57	3331	5	297.65	7.68	5	(δ8 1.00)
12131-6442	22	0.55	1.74	0.03	2.41	3331	0	299.18	-2.37	3	(ζ4 1.00)
12135-5600	22	0.33	0.30	0.36	1.34	3331	46	298.03	6.25	5	(δ0 1.00)
12142-6410	23	0.28	1.00	0.06	2.91	3331	3	299.23	-1.83	4	(λ20 1.00)
12148-6741	11	-2.08	0.07	-0.05	0.37	3331	13	299.75	-5.30	50	(δ0 1.00)
12150-6320	22	0.46	0.98	0.77	4.97	3331	14	299.20	-0.99	3	(β2 1.00)
12151-4610	12	-0.83	0.96	0.04	-0.02	3333	99	296.92	16.03	8	(β8 1.00)
12158-6139	33	1.58	0.85	1.99	4.10	3311	72	299.08	0.69	3	(α6 1.00)
12163-5451	13	0.47	0.04	-0.07	2.09	3331	0	298.27	7.43	6	(δ1 1.00)
12173+4915	13	0.53	-0.08	-0.09	1.62	3331	11	136.47	67.30	5	(δ8 1.00)
12177-0843	13	0.41	0.81	-0.12	0.65	3331	0	290.08	53.09	5	(λ27 1.00)
12178-7516	23	1.13	0.73	0.03	1.74	3331	98	300.98	-12.79	3	(α6 0.97)
12180+6135	12	0.34	0.80	-0.68	1.15	3331	9	129.48	55.42	4	(β4 1.00)
12186-6007	13	-0.15	-0.00	0.51	3.47	3331	6	299.22	2.26	11	(δ1 1.00)
12188-6246	33	0.63	1.74	-0.05	5.38	3331	14	299.56	-0.38	3	(ε0 1.00)
12194-6007	21	-0.69	0.61	0.03	3.23	3331	14	299.32	2.26	10	(α0 1.00)
12195-5527	22	0.08	0.89	0.10	0.90	3331	53	298.81	6.91	4	(β8 1.00)
12195-6830	12	-0.19	1.46	0.38	0.28	3331	57	300.29	-6.07	5	(λ20 1.00)
12196+0507	23	1.10	0.11	-0.19	2.11	3311	0	284.30	66.67	4	(δ5 0.99)
12196-5242	12	0.50	0.49	0.60	1.18	3333	6	298.50	9.63	4	(λ24 1.00)
12203-7513	23	0.44	0.19	0.37	1.26	3333	0	301.13	-12.73	5	(δ1 1.00)
12204-6203	22	0.46	2.08	0.76	3.36	3331	21	299.66	0.36	3	(ζ4 1.00)
12205-5719	33	0.82	1.11	0.08	2.38	3332	43	299.16	5.07	3	(β7 1.00)
12206-6221	23	0.54	1.43	1.60	3.62	3311	29	299.72	0.06	5	(δ8 1.00)
12213-4132	23	1.15	0.53	0.21	1.33	3331	0	297.48	20.76	2	(λ11 1.00)
12216-6218	11	-0.29	0.95	0.23	4.37	3331	73	299.82	0.13	7	(λ30 1.00)
12222-4652	12	-0.15	1.59	0.33	-0.19	3333	8	298.25	15.48	5	(ε1 1.00)
12226+0102	11	-1.27	0.30	0.14	-0.17	3333	49	288.43	62.90	14	(α5 1.00)
12226+5703	23	0.68	0.08	-0.15	1.66	3331	0	130.15	59.98	5	(δ8 1.00)
12227-5045	13	0.28	0.64	0.14	0.57	3331	10	298.76	11.62	4	(α4 0.98)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
12230-5943	11	-1.70	0.72	0.05	1.77	3331	12	299.73	2.71	17	(β8 1.00)
12233-5920	11	-1.68	1.12	0.03	0.22	3333	0	299.73	3.09	16	(β11 1.00)
12247-5842	11	-0.92	0.07	-0.02	3.11	3331	10	299.85	3.74	16	(δ0 1.00)
12252+5559	23	1.03	0.01	-0.03	1.99	3331	17	129.88	61.09	4	(δ2 1.00)
12272-4127	13	0.48	-0.06	-0.13	2.81	3331	0	298.64	20.96	4	(δ1 0.94)
12274-7647	11	-1.65	0.96	-0.84	-0.63	3331	21	301.73	-14.24	14	(β1 1.00)
12277+0441	11	-2.36	0.59	0.06	0.12	3333	2	289.52	66.74	39	(λ30 1.00)
12279+6928	12	-0.31	0.04	-0.05	0.62	3331	11	125.75	47.81	10	(δ0 1.00)
12283-5650	11	-3.71	0.08	-0.09	0.23	3331	17	300.17	5.65	226	(δ0 1.00)
12291-6026	23	0.82	0.15	1.57	3.56	3311	0	300.55	2.06	3	(δ7 1.00)
12295-5718	12	-0.70	0.83	-0.13	2.33	3331	11	300.37	5.20	7	(β8 1.00)
12298-5754	11	-1.74	0.89	0.32	1.04	3331	71	300.45	4.59	19	(α0 1.00)
12307-5422	33	1.57	0.42	-0.13	4.17	3321	8	300.31	8.12	3	(λ16 1.00)
12309-5624	12	0.02	1.18	-0.20	1.05	3331	24	300.48	6.10	5	(β2 1.00)
12310-6233	22	-0.32	1.29	-0.36	4.40	3321	94	300.93	-0.03	5	(β0 1.00)
12317-2307	23	0.19	-0.07	0.09	1.09	3331	0	297.86	39.31	8	(δ1 0.98)
12319-5905	22	0.10	1.36	-0.10	3.24	3331	0	300.80	3.44	4	(β2 1.00)
12319-6728	11	-1.69	0.20	-0.10	0.86	3331	0	301.36	-4.93	32	(δ0 1.00)
12322-4741	23	0.93	0.67	0.02	1.15	3331	6	300.09	14.81	3	(λ7 1.00)
12323-2033	23	0.54	0.86	-0.03	0.71	3331	14	297.75	41.87	4	(λ18 0.99)
12326+7017	23	1.07	-0.00	-0.19	2.18	3321	20	125.03	47.04	3	(δ5 1.00)
12331-6134	22	-0.60	3.24	4.02	1.60	3333	71	301.12	0.97	11	(γ0 1.00)
12337-6115	23	0.89	1.00	0.28	3.73	3331	84	301.17	1.29	3	(β3 1.00)
12341+5945	22	0.84	0.61	0.19	0.97	3331	99	126.49	57.54	4	(δ7 0.92)
12344-6332	23	1.00	1.16	2.31	1.99	3312	5	301.39	-0.99	2	(λ21 1.00)
12345-5802	23	0.81	1.06	-0.15	3.83	3331	96	301.08	4.51	2	(ε2 1.00)
12350-6240	33	0.87	1.41	1.61	4.03	3311	18	301.39	-0.12	3	(λ6 1.00)
12352-6317	22	0.38	1.24	0.26	4.82	3331	11	301.45	-0.73	4	(λ28 1.00)
12355-6103	23	0.62	0.88	0.18	3.03	3332	14	301.37	1.50	3	(λ21 1.00)
12357-6310	22	0.44	1.52	-0.13	4.99	3331	21	301.51	-0.62	3	(ε2 1.00)
12358+0207	23	0.40	0.07	-0.14	1.39	3331	0	295.32	64.53	5	(δ1 1.00)
12358-6323	33	1.15	2.60	1.27	3.41	3331	18	301.53	-0.82	3	(ζ2 1.00)
12359+0715	13	0.52	0.43	-0.03	1.05	3331	0	293.68	69.63	5	(δ8 1.00)
12363+1404	23	1.05	0.73	-0.28	1.52	3331	6	289.88	76.36	3	(λ16 1.00)
12363-6403	12	0.57	1.05	1.32	2.57	3331	0	301.61	-1.49	3	(β9 1.00)
12364-6539	22	0.81	0.83	0.31	2.99	3331	17	301.70	-3.09	3	(β9 1.00)
12368-4529	23	0.78	0.55	-0.02	1.34	3331	5	300.77	17.06	3	(λ10 1.00)
12372-6034	22	0.96	1.22	0.08	4.32	3331	72	301.55	1.99	2	(β2 1.00)
12374-5706	23	0.92	0.33	-0.04	4.29	3311	43	301.42	5.46	3	(α4 1.00)
12377-6102	11	-1.70	1.37	-0.02	0.12	3332	71	301.63	1.52	16	(β0 1.00)
12379-4559	11	-1.19	1.24	0.09	0.34	3333	83	301.17	12.56	11	(β0 1.00)
12380+5607	11	-2.08	0.75	-0.01	0.29	3333	19	126.17	61.21	34	(λ30 1.00)
12384-4536	11	-1.95	1.44	-0.03	-0.36	3333	22	301.08	16.94	19	(ε1 1.00)
12389-6147	12	-0.64	2.81	3.34	1.62	3333	18	301.81	0.78	8	(ζ0 1.00)
12391-6834	22	0.22	0.96	0.10	2.00	3332	6	302.10	-5.99	4	(λ34 1.00)
12394-4338	11	-1.88	0.68	0.15	-0.06	3333	2	301.17	18.92	27	(α0 1.00)
12394-6808	12	-0.48	1.07	-0.10	2.76	3331	25	302.11	-5.56	6	(λ34 1.00)
12397-6447	13	0.16	1.31	0.23	2.78	3331	6	302.02	-2.20	5	(α4 1.00)
12405-2442	23	1.07	0.13	0.36	2.15	3311	3	300.57	37.84	3	(δ6 1.00)
12405-6238	32	1.08	4.82	3.63	1.55	3333	8	302.03	-0.06	4	(γ1 1.00)
12413-6139	13	0.58	0.24	2.06	3.69	3311	42	302.09	0.92	6	(δ1 1.00)
12419-6058	12	-0.95	1.66	0.32	2.01	3331	96	302.14	1.61	8	(η0 1.00)
12421-6217	11	-0.70	1.32	0.40	2.83	3331	50	302.20	0.30	9	(λ20 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
12422-7126	23	0.83	0.09	0.04	2.15	3331	15	302.46	-8.85	4	(δ2 1.00)
12427+4542	11	-2.47	0.07	0.35	0.25	3333	61	126.45	71.65	54	(λ25 1.00)
12430-4230	12	0.52	0.81	-0.03	0.79	3331	17	301.83	20.08	4	(λ28 1.00)
12430-6151	21	-0.22	0.74	0.32	3.95	3311	63	302.30	0.73	6	(λ30 1.00)
12432-6133	12	0.61	0.80	2.26	2.65	3311	45	302.32	1.03	4	(λ21 0.99)
12434-6355	23	1.99	2.12	4.80	1.79	3333	12	302.39	-1.32	3	(ζ1 1.00)
12437-6218	22	1.39	3.89	3.84	1.66	3333	16	302.39	0.28	4	(γ0 1.00)
12439-4859	23	1.14	0.25	0.25	2.27	3331	0	302.15	13.60	3	(α6 1.00)
12444-5925	13	-0.26	0.21	0.45	3.01	3331	0	302.42	3.17	5	(α5 1.00)
12447+0425	11	-2.27	0.26	0.12	-0.26	3333	0	300.30	67.00	38	(α0 1.00)
12449+3838	22	0.23	1.12	-0.29	0.41	3331	0	127.05	78.72	5	(β8 1.00)
12451-4454	23	0.65	0.59	-0.26	1.28	3331	3	302.29	17.69	5	(λ7 1.00)
12451-5624	23	0.79	1.21	-0.33	3.25	3331	33	302.47	6.19	3	(β4 1.00)
12454-6659	11	-0.96	1.00	-0.15	2.96	3331	47	302.65	-4.40	9	(β8 1.00)
12455+6703	33	1.08	0.08	-0.34	2.25	3331	18	123.53	50.33	3	(λ31 1.00)
12462-6418	11	-1.33	0.89	-0.50	4.41	3331	21	302.70	-1.71	14	(β1 1.00)
12464-6433	23	0.50	1.19	0.41	3.29	3331	3	302.73	-1.96	4	(λ20 0.99)
12465-6129	12	-0.53	0.19	0.40	4.29	3331	18	302.71	1.10	8	(α0 0.84)
12466-7024	12	0.19	0.71	0.07	1.17	3332	4	302.80	-7.81	5	(λ20 1.00)
12478-6237	12	-0.26	1.36	0.80	3.59	3311	9	302.87	-0.03	5	(β11 1.00)
12496-7650	12	-0.36	2.40	2.10	0.91	3333	9	303.04	-14.25	7	(ζ0 1.00)
12498-5235	13	0.39	0.93	0.22	0.62	3331	6	303.13	10.01	4	(λ21 1.00)
12500-2544	13	0.31	0.70	-0.09	0.66	3331	0	303.30	36.87	4	(λ7 1.00)
12502-4840	23	0.78	0.11	-0.16	1.94	3321	10	303.22	13.93	5	(δ5 1.00)
12502-6328	22	2.14	2.09	5.18	2.58	2331	93	303.14	-0.88	3	(ζ1 1.00)
12506-6004	11	-1.14	0.88	0.46	1.80	3331	8	303.21	2.52	12	(β8 1.00)
12509-6353	23	0.88	0.70	2.93	3.59	3311	11	303.21	-1.28	3	(θ0 1.00)
12517-0915	13	-0.55	-0.07	0.01	1.30	3331	0	304.13	53.33	12	(δ0 1.00)
12517-6447	23	0.54	0.30	1.56	3.00	3331	60	303.29	-2.19	4	(α6 1.00)
12519-6838	23	0.82	0.76	0.46	2.01	3331	6	303.27	-6.03	3	(λ27 1.00)
12525-4238	23	0.67	0.02	-0.20	1.85	3321	52	303.69	19.95	4	(δ8 1.00)
12530+0340	11	-1.90	0.05	-0.21	-0.26	3333	0	305.52	66.25	41	(δ0 1.00)
12536-5737	33	1.30	0.19	0.10	4.43	3321	16	303.62	4.97	5	(λ13 1.00)
12536-6819	23	0.65	0.73	0.04	2.10	3331	0	303.43	-5.73	4	(λ24 0.94)
12537-6043	33	0.93	1.17	-0.15	4.98	3331	48	303.58	1.87	3	(β4 1.00)
12538-6446	12	0.46	1.27	-0.10	3.66	3321	0	303.51	-2.17	4	(β2 0.97)
12540-6845	11	-2.42	0.82	0.35	-0.22	3333	5	303.46	-6.17	32	(λ30 1.00)
12543-5958	12	0.60	0.99	0.24	2.57	3332	74	303.67	2.62	3	(β8 0.99)
12544+6615	12	-1.46	0.20	0.42	0.41	3333	43	122.13	51.13	21	(δ0 1.00)
12550-7407	12	0.78	1.43	0.54	0.18	3333	99	303.42	-11.53	3	(λ20 1.00)
12552-6300	22	0.12	1.21	1.00	4.22	3311	24	303.71	-0.41	3	(β3 1.00)
12559-6041	11	-0.86	0.97	-0.15	3.08	3331	33	303.85	1.90	9	(β1 1.00)
12561-6400	33	1.13	2.22	0.87	4.85	3331	72	303.79	-1.41	3	(ζ3 1.00)
12562+2324	12	-0.19	0.98	0.05	-0.09	3332	7	325.57	85.69	5	(β1 1.00)
12562-6003	12	-0.32	1.31	0.32	2.71	3331	76	303.90	2.53	7	(λ20 1.00)
12563-6100	11	-1.17	1.05	0.08	2.76	3331	16	303.89	1.58	10	(β0 1.00)
12569-6105	12	-0.30	1.13	0.12	3.64	3331	30	303.97	1.50	6	(λ34 1.00)
12571-5706	23	1.00	0.75	-0.23	3.79	3331	9	304.12	5.48	3	(β13 1.00)
12575-7041	12	0.21	0.81	0.99	1.04	3333	6	303.71	-8.10	4	(λ20 1.00)
12584-4837	22	-0.26	1.89	0.45	-0.38	3333	0	304.60	13.95	5	(ε2 1.00)
12588-7116	13	0.43	-0.04	-0.14	1.84	3331	18	303.80	-8.69	6	(δ1 0.99)
12593-7355	23	1.04	0.84	-0.03	1.37	3331	99	303.73	-11.35	3	(β4 1.00)
12595-6035	22	0.65	1.22	1.17	2.05	3332	57	304.29	1.98	3	(λ20 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
12596+1113	23	0.30	0.07	-0.57	2.03	3331	2	312.34	73.63	7	(δ1 1.00)
13001+0527	11	-3.03	0.78	-0.02	0.05	3333	27	310.36	67.90	69	(λ34 1.00)
13006-6349	13	-0.02	0.81	2.34	3.58	3311	5	304.29	-1.26	5	(λ12 1.00)
13010-5319	23	0.67	0.75	0.31	3.45	3331	0	304.82	9.24	4	(λ27 1.00)
13011-5604	23	0.58	0.64	-0.14	3.30	3331	4	304.70	6.49	4	(λ24 1.00)
13012-5237	23	0.94	0.14	0.01	2.38	3331	10	304.89	9.93	3	(δ5 0.80)
13014+0720	23	0.41	0.79	0.07	0.47	3331	0	311.90	69.72	5	(λ12 1.00)
13019-4055	13	0.81	0.03	0.02	1.67	3331	1	305.64	21.60	4	(δ1 1.00)
13022-6214	13	0.41	2.11	4.09	1.56	3111	7	304.54	0.31	4	(ε2 1.00)
13022-7650	11	-0.63	0.91	-0.01	0.35	3331	0	303.78	-14.26	8	(λ34 0.99)
13028-2545	23	0.88	0.44	-0.48	1.96	3331	0	306.89	36.74	4	(δ6 1.00)
13028-6415	13	0.68	0.39	0.82	3.88	3311	26	304.51	-1.70	4	(δ8 0.97)
13031-5743	13	-0.20	0.60	0.23	2.39	3331	82	304.89	4.83	6	(α5 1.00)
13039+2253	12	-0.89	0.10	-0.04	0.03	3332	0	340.63	84.36	15	(δ0 1.00)
13045-6404	12	-0.57	1.30	0.26	2.52	3331	13	304.70	-1.52	7	(λ20 1.00)
13047+2753	23	0.75	0.02	-0.05	1.70	3331	0	41.93	86.47	4	(δ8 1.00)
13053-6341	12	-0.66	1.43	0.39	2.59	3331	28	304.80	-1.15	8	(λ20 1.00)
13062-5958	12	-0.03	0.48	0.01	4.27	3331	0	305.16	2.55	6	(λ25 1.00)
13064-6103	11	-0.60	2.13	0.31	2.12	3331	9	305.11	1.47	7	(ζ0 1.00)
13064-6433	22	0.19	1.66	0.43	2.35	3331	75	304.87	-2.03	4	(ζ4 1.00)
13065-6354	21	0.07	2.02	0.57	2.03	3331	88	304.93	-1.38	4	(ζ0 1.00)
13077+2452	23	0.44	0.33	0.11	1.14	3331	1	2.96	85.10	4	(λ7 1.00)
13079-8931	22	0.67	0.05	-0.07	1.61	3331	6	303.04	-26.92	5	(δ1 1.00)
13081+4718	23	1.10	0.44	0.28	1.73	3331	3	113.60	69.74	3	(λ7 0.98)
13092-6026	23	0.58	0.82	0.06	4.44	3331	56	305.50	2.05	3	(α5 0.98)
13096-5215	33	1.48	0.86	0.09	3.43	3331	18	306.21	10.22	3	(α2 1.00)
13099+5638	13	0.40	0.73	-0.10	0.69	3331	13	117.14	60.52	4	(λ28 0.99)
13106-5218	23	0.74	0.56	0.80	1.48	3333	0	306.36	10.14	4	(λ7 1.00)
13107-6324	23	1.31	1.45	3.33	2.98	3111	71	305.43	-0.92	2	(β6 1.00)
13116-5300	23	0.89	0.07	0.75	3.21	3331	35	306.45	9.43	3	(δ5 0.99)
13116-6036	23	1.14	1.26	0.90	4.20	3311	38	305.78	1.87	3	(β4 1.00)
13117-5543	13	0.85	0.66	0.26	3.07	3331	0	306.22	6.74	2	(λ11 1.00)
13130-8536	22	0.32	0.69	-0.21	0.94	3331	8	303.50	-23.03	4	(λ25 1.00)
13136-4426	11	-0.72	0.49	0.14	-0.12	3333	9	307.61	17.94	10	(λ25 0.98)
13138-6631	23	1.02	0.05	0.43	5.66	3311	6	305.48	-4.04	4	(δ2 1.00)
13141-6119	11	-0.69	1.24	-0.38	3.69	3321	1	306.02	1.13	8	(β0 1.00)
13150-4124	12	-0.92	0.67	-0.13	0.35	3333	0	308.23	20.92	10	(λ30 1.00)
13150-6103	23	0.55	0.11	1.84	3.75	3311	51	306.15	1.38	6	(δ8 0.68)
13158-6123	23	1.10	1.56	0.79	4.18	3331	19	306.21	1.05	2	(η1 1.00)
13161-2254	13	0.44	-0.09	-0.09	1.53	3331	0	311.10	39.26	5	(δ5 1.00)
13170-5404	11	-0.36	0.93	-0.03	0.98	3333	7	307.15	8.30	6	(λ34 0.93)
13171-6148	33	0.98	1.70	0.46	4.70	3311	41	306.32	0.61	3	(ζ2 1.00)
13172+4547	11	-1.67	0.77	-0.78	-0.35	3332	19	107.89	70.77	16	(β1 1.00)
13173-7410	13	0.25	0.30	0.37	0.87	3333	4	304.97	-11.69	5	(λ25 0.99)
13175-6557	23	1.01	0.74	0.18	5.39	3331	90	305.90	-3.53	3	(λ18 1.00)
13175-7754	13	0.59	0.09	-0.06	1.97	3331	7	304.55	-15.40	5	(δ1 1.00)
13182-8357	13	0.61	0.53	-0.11	2.47	3331	94	303.82	-21.41	4	(λ25 1.00)
13188-6352	33	0.52	0.96	-0.14	3.84	3311	72	306.27	-1.47	4	(λ24 1.00)
13188-6357	13	0.60	0.15	0.70	4.23	3311	18	306.27	-1.54	4	(δ8 1.00)
13189-6135	23	-0.10	1.09	0.50	3.42	3311	9	306.56	0.81	5	(β1 1.00)
13190-6251	13	0.73	0.98	2.28	3.93	3311	0	306.42	-0.46	3	(β2 1.00)
13193-6046	23	1.47	1.01	1.65	3.68	3311	50	306.70	1.60	3	(α1 1.00)
13193-6528	23	0.76	0.67	0.01	3.57	3311	36	306.14	-3.06	3	(α6 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
13198-6224	12	-0.32	0.95	0.23	4.45	3321	15	306.56	-0.02	5	(β3 1.00)
13199-0330	23	0.92	0.45	0.06	1.67	3331	0	317.75	58.20	3	(λ7 0.99)
13199-6419	12	0.31	0.99	0.28	3.30	3331	52	306.35	-1.92	5	(β4 1.00)
13203-3255	23	1.08	0.05	0.04	1.91	3311	6	310.53	29.22	4	(δ6 0.99)
13203-5536	11	-1.69	1.31	0.06	0.10	3331	93	307.45	6.71	15	(ε1 1.00)
13205-1803	23	1.07	0.38	0.17	1.52	3331	0	313.42	43.90	3	(δ7 1.00)
13205-2423	23	0.82	0.26	0.02	1.46	3311	0	312.10	37.65	4	(δ6 1.00)
13205-7945	22	0.73	0.86	0.07	0.94	3331	25	304.47	-17.24	3	(η0 1.00)
13208-6027	11	-0.48	1.03	-0.13	3.54	3331	64	306.92	1.89	7	(λ30 1.00)
13214-6202	12	-0.18	1.22	1.63	2.62	3311	6	306.79	0.33	5	(β11 1.00)
13215-6424	12	-0.24	0.58	-0.18	3.72	3311	84	306.51	-2.03	7	(λ30 1.00)
13216-6225	22	-0.96	1.35	-0.12	4.38	3311	18	306.77	-0.06	11	(β11 1.00)
13221-6309	33	1.28	0.14	4.01	3.84	3311	1	306.73	-0.80	3	(α6 1.00)
13225-4245	23	1.01	1.88	4.53	1.85	3333	71	309.51	19.42	5	(ζ1 1.00)
13237-6156	12	-0.92	1.11	0.07	3.41	2331	8	307.07	0.39	9	(β11 1.00)
13240-5742	23	0.83	0.72	0.48	2.65	3332	14	307.68	4.57	3	(λ18 1.00)
13243-6159	12	-0.06	1.53	0.82	2.07	3332	51	307.13	0.32	6	(ε2 1.00)
13244-5904	12	-0.72	0.92	-0.21	2.83	3331	56	307.55	3.21	7	(λ34 1.00)
13245-2446	33	1.01	0.92	-0.24	1.31	3331	9	313.13	37.12	3	(β7 1.00)
13248-7851	12	-0.41	0.85	0.00	0.21	3333	0	304.80	-16.39	7	(λ30 1.00)
13255-6102	22	0.30	2.10	0.77	2.66	3331	99	307.41	1.24	5	(ζ0 1.00)
13258-6232	23	0.84	0.93	1.50	3.39	3332	7	307.23	-0.25	2	(η1 1.00)
13264-5457	23	0.71	0.24	0.75	3.27	3331	34	308.40	7.26	4	(δ2 1.00)
13267-6155	33	1.09	1.26	1.58	4.05	3211	50	307.43	0.34	3	(λ10 0.98)
13268-6226	12	-0.85	1.51	0.35	3.49	3331	74	307.36	-0.16	9	(λ20 1.00)
13269-2301	31	-4.37	0.48	-0.15	-0.07	3333	12	314.22	38.75	317	(λ30 1.00)
13281-3909	13	0.77	0.00	-0.08	1.76	3331	17	311.22	22.83	5	(δ2 0.82)
13283-5839	11	-0.91	1.11	-0.44	2.67	3331	1	308.10	3.55	8	(β0 1.00)
13290-6144	23	1.07	0.99	1.18	4.64	3311	0	307.72	0.49	4	(λ6 1.00)
13291-6249	22	0.25	4.07	3.66	1.64	3332	68	307.56	-0.59	5	(γ1 1.00)
13293-0559	12	-0.27	0.09	-0.18	0.74	3331	10	320.78	55.21	10	(δ0 1.00)
13303-0656	12	-1.70	0.58	-0.18	-0.28	3333	0	320.76	54.23	27	(λ30 1.00)
13305-6316	22	0.46	2.22	0.66	2.59	3331	18	307.65	-1.04	5	(ζ0 1.00)
13308-5907	33	1.31	0.41	1.12	3.25	3311	79	308.36	3.04	3	(α1 1.00)
13308-6209	33	2.15	3.76	2.43	1.79	3311	7	307.86	0.04	3	(γ1 1.00)
13312-6322	33	0.68	1.28	0.17	4.15	3311	63	307.71	-1.17	2	(β7 1.00)
13314-7918	33	1.16	0.73	0.21	1.11	3332	31	305.05	-16.87	3	(λ26 1.00)
13317-5114	22	0.36	1.09	0.26	0.39	3331	10	309.79	10.80	4	(β2 0.95)
13320-6300	23	1.01	0.82	2.36	3.37	3313	16	307.86	-0.81	2	(α2 1.00)
13327-6505	33	1.02	0.61	0.57	3.80	3311	6	307.59	-2.89	3	(α3 1.00)
13328-6244	11	-1.47	1.86	0.26	2.79	3331	9	308.00	-0.56	15	(ζ0 1.00)
13333+0832	13	0.13	0.31	-0.29	1.02	3331	17	334.16	68.43	6	(δ1 0.96)
13336-5444	13	0.95	0.34	-0.04	4.38	3331	29	309.47	7.30	4	(δ8 0.93)
13338-6312	33	1.98	4.57	3.51	1.08	3333	4	308.03	-1.05	3	(γ1 1.00)
13340-6613	22	-0.17	1.14	0.03	1.62	3331	43	307.53	-4.03	5	(β0 1.00)
13341-6246	12	-1.26	1.26	0.09	4.41	3331	27	308.14	-0.63	10	(ε1 1.00)
13342-5321	22	-0.16	0.77	-0.08	1.28	3332	34	309.80	8.65	5	(β1 1.00)
13343-5613	22	-0.27	0.41	0.45	1.01	3331	13	309.31	5.82	5	(α5 1.00)
13343-5807	11	-0.87	1.04	0.23	1.91	3331	31	308.98	3.94	10	(λ30 0.99)
13346+2452	23	0.93	-0.00	0.02	1.83	3331	3	21.67	79.46	4	(δ2 1.00)
13349-6453	23	0.32	1.34	-0.24	3.21	3331	1	307.86	-2.72	4	(β2 0.80)
13350-7221	11	-0.12	1.04	-0.28	0.32	3331	99	306.52	-10.08	4	(β0 0.69)
13354+1342	13	0.70	0.23	0.21	1.25	3331	0	343.65	72.54	4	(δ5 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
13355-5928	12	0.77	0.86	0.10	4.41	3331	15	308.89	2.59	4	(λ12 1.00)
13355-6314	23	0.23	1.90	3.05	2.08	3311	6	308.21	-1.11	3	(ε2 1.00)
13356-5801	33	1.15	1.07	0.63	3.49	3311	0	309.16	4.03	2	(α3 1.00)
13359-6014	13	0.42	1.08	0.09	4.09	3331	18	308.79	1.84	4	(λ20 0.98)
13363-6517	23	0.77	0.97	0.59	3.31	3332	15	307.93	-3.14	3	(β4 1.00)
13366-6222	12	0.25	1.45	0.34	5.18	3321	14	308.49	-0.28	4	(λ21 0.95)
13366-6235	33	1.29	1.65	1.16	5.58	3331	0	308.45	-0.50	2	(ζ2 1.00)
13367-3929	23	0.52	0.05	0.04	1.35	3331	0	312.92	22.19	5	(δ1 1.00)
13368-4941	11	-2.24	0.84	-0.21	0.21	3333	9	310.89	12.17	33	(λ30 0.90)
13371-6249	11	-1.26	1.78	0.38	3.65	3331	41	308.46	-0.74	10	(ζ0 1.00)
13372-7136	23	0.20	0.14	-0.00	2.99	3331	0	306.83	-9.37	6	(δ1 1.00)
13377+7433	13	1.05	0.33	-0.20	1.85	3331	75	118.63	42.42	3	(δ5 1.00)
13379-5426	11	-0.63	1.27	-0.01	0.52	3331	66	310.14	7.48	8	(β0 1.00)
13388-3320	23	1.01	0.17	0.25	1.50	3331	51	314.80	28.11	3	(δ6 1.00)
13389-0827	23	0.05	0.04	-0.14	1.07	3331	0	323.42	52.16	8	(δ1 1.00)
13395-6210	23	1.16	1.40	2.62	3.66	3311	62	308.86	-0.14	3	(η1 1.00)
13416-6243	21	-0.34	2.80	1.51	0.94	3331	0	308.99	-0.73	4	(ζ3 1.00)
13420-8224	22	0.79	0.63	-0.34	3.12	3331	72	304.85	-20.00	3	(λ31 1.00)
13422-6135	23	0.74	1.39	1.90	3.50	3311	34	309.29	0.35	3	(β9 1.00)
13438-5823	23	0.74	1.05	-0.09	2.42	3332	14	310.14	3.44	3	(β3 1.00)
13440-5306	13	0.65	0.43	0.81	2.76	3331	9	311.31	8.60	4	(δ1 0.99)
13442-6109	11	-2.84	1.22	0.12	1.61	3331	34	309.62	0.73	39	(β0 1.00)
13450-2054	23	1.00	0.50	0.23	1.20	3331	0	320.12	39.83	3	(λ11 1.00)
13454-3636	23	1.32	0.51	0.09	1.64	3331	49	315.42	24.63	3	(λ2 1.00)
13456-4415	13	0.58	0.72	-0.16	0.95	3331	0	313.57	17.17	3	(λ12 0.99)
13457-5612	12	0.20	1.25	-0.18	1.76	3332	37	310.87	5.53	4	(β0 1.00)
13462-2807	11	-5.43	0.19	-0.08	0.03	3333	5	318.02	32.81	963	(λ25 0.98)
13462-6306	23	1.30	1.13	1.11	3.96	3311	14	309.42	-1.22	2	(α6 1.00)
13464-4611	23	0.67	0.63	-0.11	1.29	3331	8	313.25	15.27	3	(λ24 1.00)
13465-3412	11	-2.39	-0.04	-0.01	-0.00	3333	6	316.32	26.91	59	(δ0 1.00)
13466-3512	13	0.47	1.32	0.19	0.51	3333	6	316.06	25.93	4	(β2 1.00)
13468+3947	12	-1.40	0.55	-0.17	-0.18	3332	6	82.66	72.77	23	(λ30 1.00)
13468-3716	23	0.84	0.54	-0.13	1.35	3331	0	315.57	23.92	3	(α6 1.00)
13470+1602	12	-0.18	-0.01	-0.17	0.92	3331	3	355.81	72.40	9	(δ0 1.00)
13475-4531	12	0.12	0.80	-0.21	0.51	3332	34	313.60	15.88	5	(λ12 1.00)
13477-5518	22	0.79	0.68	0.12	3.38	3331	11	311.35	6.34	3	(λ27 0.99)
13477-6009	12	-0.54	0.27	0.38	4.08	3331	43	310.25	1.61	12	(λ25 1.00)
13477-6532	11	-1.75	1.17	0.40	0.19	3331	3	309.04	-3.63	17	(λ30 0.95)
13478-6909	23	0.82	0.01	-0.16	2.65	3331	7	308.23	-7.15	4	(δ1 1.00)
13479-5436	12	-1.27	1.37	-0.11	-0.09	3333	6	311.53	7.02	12	(β0 1.00)
13482-6716	11	-1.48	0.64	0.30	-0.17	3332	36	308.70	-5.32	17	(α0 1.00)
13484-3641	23	0.62	0.76	0.08	0.13	3332	39	316.06	24.39	3	(λ27 1.00)
13489+3454	33	1.26	0.10	-0.14	2.21	3321	8	67.10	75.16	4	(δ3 1.00)
13492-0325	22	-0.54	0.74	-0.01	-0.25	3332	0	330.58	55.92	9	(λ25 1.00)
13495+3441	12	-0.60	-0.03	-0.13	0.65	3331	0	66.11	75.14	12	(δ0 1.00)
13495-5217	33	1.37	0.85	0.27	3.41	3331	2	312.31	9.21	2	(θ0 1.00)
13496+3955	23	0.97	0.11	0.18	1.61	3331	3	81.78	72.28	4	(δ6 1.00)
13499+6458	12	-0.73	0.12	-0.12	-0.11	3332	11	112.78	51.21	15	(δ0 1.00)
13501-6616	32	1.45	4.02	2.05	0.18	3333	15	309.11	-4.39	3	(γ1 1.00)
13509-6348	11	-0.96	1.05	0.18	2.19	3331	11	309.77	-2.03	11	(λ30 1.00)
13515-6523	33	0.71	0.98	-0.27	3.42	3311	14	309.45	-3.58	3	(β4 1.00)
13517-6515	11	-1.47	1.60	0.11	0.43	3331	4	309.51	-3.46	12	(ε1 1.00)
13518-5844	22	0.36	0.91	-0.59	4.55	3331	65	311.08	2.88	4	(β4 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
13522+1838	23	0.82	-0.05	0.00	2.07	3311	4	5.30	73.03	7	(δ4 1.00)
13522-5619	23	0.70	1.79	0.97	1.44	3331	0	311.73	5.21	3	(η0 1.00)
13522-5741	23	0.72	1.15	0.03	3.30	3331	35	311.39	3.87	3	(β4 1.00)
13524-2611	22	0.20	0.53	-0.12	0.56	3332	4	320.28	34.28	6	(δ8 0.96)
13526-5359	13	0.68	1.24	-0.19	1.52	3331	59	312.36	7.45	3	(β4 1.00)
13527-6117	11	-1.32	1.79	-0.30	3.68	3311	0	310.58	0.37	10	(ζ4 1.00)
13540-5728	13	0.71	0.35	0.58	3.94	3331	5	311.68	4.03	4	(δ8 0.99)
13548-3049	12	-0.54	0.46	-0.13	-0.17	3332	18	319.26	29.69	8	(λ25 1.00)
13549-5606	22	-0.11	0.39	1.10	1.09	3333	6	312.14	5.32	7	(λ25 1.00)
13553-5256	23	0.94	0.81	0.07	2.02	3331	24	313.01	8.36	3	(λ24 0.93)
13553-5908	22	0.67	0.83	0.11	4.51	3331	5	311.43	2.37	3	(β9 1.00)
13556-6023	33	1.27	0.95	3.13	2.65	3312	8	311.15	1.15	4	(β2 1.00)
13557-6442	11	-0.19	2.25	0.86	0.44	3331	89	310.05	-3.03	5	(ζ0 1.00)
13559-6010	23	0.80	0.68	2.76	3.71	3311	86	311.24	1.35	4	(λ21 0.99)
13562-1342	13	0.78	0.88	0.32	0.79	3332	6	326.77	45.77	3	(λ24 0.95)
13568-6232	23	0.63	1.01	2.57	3.65	3311	67	310.73	-0.96	3	(β7 1.00)
13571-6917	13	0.35	0.59	-0.16	1.69	3331	61	309.00	-7.49	4	(λ24 1.00)
13572-6347	11	-1.10	1.82	0.31	3.15	3331	6	310.45	-2.18	10	(ζ4 1.00)
13573+2801	22	0.32	0.98	-0.08	0.33	3331	0	39.36	74.87	3	(λ21 0.99)
13581-5930	11	-1.53	2.06	0.47	0.18	3332	70	311.68	1.93	18	(ζ0 1.00)
13583-5413	12	0.54	1.18	-0.18	1.58	3331	20	313.11	7.02	3	(β2 0.89)
13586-4617	12	-0.36	1.02	-0.20	0.62	3332	11	315.33	14.64	6	(λ34 1.00)
13590-5820	33	1.78	1.07	0.44	4.59	3321	51	312.10	3.02	3	(α3 1.00)
13595-5254	23	0.37	0.46	0.20	1.57	3331	7	313.64	8.23	4	(α4 1.00)
14003-7633	11	-3.54	0.72	-0.13	-0.12	3333	7	307.22	-14.54	109	(β8 1.00)
14008-5659	12	-0.28	1.26	-0.30	2.79	3331	22	312.69	4.25	6	(β0 1.00)
14010-5927	23	0.40	0.56	0.36	4.39	3331	31	312.05	1.88	4	(α5 1.00)
14010-6920	12	0.12	0.65	0.14	1.15	3331	0	309.32	-7.63	5	(λ20 0.99)
14014-6210	13	0.06	1.08	1.10	4.44	3331	0	311.34	-0.74	3	(β3 1.00)
14020-3515	11	-2.32	0.54	-0.25	-0.21	3333	0	319.40	25.01	29	(β1 1.00)
14023-6018	12	-0.71	0.84	0.28	3.96	3311	71	311.97	1.02	8	(β8 1.00)
14028-5836	22	0.20	2.14	0.56	2.14	3331	12	312.50	2.63	4	(ζ3 1.00)
14029-6205	22	-1.15	1.41	-0.05	3.96	3331	6	311.54	-0.72	9	(β11 1.00)
14030-4629	11	-0.40	1.12	0.12	0.40	3333	69	316.04	14.23	5	(β0 1.00)
14031-6237	12	-0.63	2.20	0.67	3.01	3331	6	311.40	-1.23	9	(ζ3 1.00)
14032-6740	23	1.09	0.48	0.24	4.39	3331	99	309.99	-6.08	3	(α6 1.00)
14035-2626	13	0.21	-0.07	-0.06	1.25	3331	7	323.00	33.25	7	(δ1 1.00)
14037-3607	12	-0.76	-0.00	-0.18	0.19	3332	21	319.46	24.08	17	(δ0 1.00)
14039-6113	31	-0.62	3.48	4.29	1.80	3333	51	311.90	0.08	16	(γ0 1.00)
14045-5320	23	0.75	0.18	0.22	3.70	3331	15	314.24	7.61	3	(δ7 0.97)
14057-6757	13	0.23	0.78	-0.35	1.82	3331	14	310.14	-6.42	6	(λ7 0.98)
14059+4405	12	-0.97	0.14	-0.13	0.10	3331	0	85.26	67.26	22	(δ0 1.00)
14064+4941	23	0.41	0.13	-0.25	1.44	3331	2	94.58	63.23	6	(δ1 1.00)
14068-6158	11	-1.25	1.15	0.13	3.69	3331	0	312.01	-0.74	11	(β11 1.00)
14069-3024	23	0.99	0.79	-0.22	1.76	3332	2	322.27	29.27	3	(λ11 1.00)
14083-5649	22	0.78	1.51	0.04	2.39	3333	30	313.73	4.11	3	(ε2 1.00)
14084-7500	33	1.72	0.57	0.17	2.07	3312	55	308.18	-13.21	2	(λ16 1.00)
14086-1014	23	1.27	0.12	0.36	1.71	3311	2	332.86	47.70	4	(δ3 1.00)
14086-2839	11	-1.09	0.82	0.02	-0.10	3333	0	323.37	30.79	11	(β1 1.00)
14086-6907	11	-1.30	1.43	-0.08	-0.28	3333	99	310.04	-7.61	10	(β0 0.99)
14089+7746	23	1.02	0.02	-0.04	1.96	3331	8	117.67	38.78	3	(δ8 1.00)
14092-6506	22	0.44	2.96	3.28	1.37	3333	0	311.33	-3.81	4	(ζ3 1.00)
14098-5325	23	1.24	0.08	-0.02	4.92	3311	13	314.98	7.28	3	(δ3 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
14102-1002	13	0.50	-0.00	-0.08	1.50	3331	0	333.51	47.70	5	(δ5 1.00)
14103-6311	12	-0.15	1.32	0.28	2.86	3332	30	312.03	-2.03	5	(β0 1.00)
14103-6539	23	1.15	0.63	-0.08	3.87	3311	29	311.26	-4.37	3	(λ31 1.00)
14104-1337	23	0.71	0.21	-0.19	1.61	3331	15	331.28	44.47	5	(δ8 1.00)
14106-2940	12	-0.75	0.85	-0.05	-0.09	3333	93	323.41	29.68	8	(β1 1.00)
14107-5341	13	-0.69	0.10	0.66	1.51	3333	6	315.02	6.99	12	(δ0 1.00)
14107-5437	23	0.91	0.64	0.16	3.42	3331	4	314.73	6.10	2	(λ18 1.00)
14111+6939	23	0.56	0.13	0.09	1.26	3331	2	112.88	46.09	4	(δ8 1.00)
14113-5334	12	0.32	1.17	-0.08	2.71	3331	22	315.14	7.08	4	(β2 1.00)
14117-5357	12	-0.11	0.96	0.10	1.20	3333	0	315.08	6.70	5	(β8 1.00)
14119-6453	11	-0.32	2.20	0.44	0.52	3331	99	311.65	-3.70	7	(ζ4 1.00)
14122-5845	22	-0.34	0.51	0.36	3.66	3331	17	313.63	2.12	7	(α0 1.00)
14122-6133	11	-0.15	1.35	0.92	3.88	3311	8	312.74	-0.55	5	(β11 1.00)
14126-7551	23	1.44	0.10	0.26	2.00	3311	23	308.16	-14.10	3	(δ6 1.00)
14128-6011	21	-0.82	1.02	-0.15	3.92	2331	5	313.24	0.74	10	(λ30 1.00)
14129-5940	11	-3.09	0.58	-0.40	1.90	1331	11	313.42	1.21	33	(λ34 1.00)
14133+1925	11	-3.62	-0.16	-0.12	-0.17	3333	0	15.08	69.11	179	(δ0 1.00)
14135-6257	13	0.74	1.66	0.16	4.68	3321	96	312.44	-1.91	3	(ε0 1.00)
14135-7502	33	1.15	1.13	0.27	0.84	3331	99	308.49	-13.34	3	(β4 0.97)
14139-6017	12	-1.32	1.25	0.40	2.76	3331	10	313.34	0.60	10	(η0 1.00)
14142-1612	12	-0.88	0.89	-0.06	-0.00	3333	10	330.89	41.74	9	(λ34 1.00)
14145-6135	23	1.30	0.48	2.99	4.09	3311	30	312.99	-0.66	3	(λ16 1.00)
14145-6815	22	-0.05	0.71	0.33	1.20	3333	18	310.82	-6.96	6	(λ30 1.00)
14150+1529	33	0.90	-0.01	0.08	1.75	3331	23	6.61	66.76	5	(δ2 1.00)
14150-6208	23	0.21	1.13	0.50	3.38	2333	86	312.87	-1.19	4	(λ21 1.00)
14152-1428	23	0.31	0.55	0.19	0.49	3331	0	332.22	43.19	5	(λ7 0.99)
14156-5645	23	1.07	0.39	0.71	4.32	3331	5	314.70	3.86	3	(δ7 0.98)
14159-6038	11	1.24	4.21	4.20	1.99	3231	70	313.46	0.19	4	(γ0 1.00)
14162+6701	22	-0.85	0.58	-0.29	0.08	3332	16	110.44	48.20	12	(λ30 0.99)
14162-6202	12	-0.87	1.08	0.09	3.87	3231	11	313.03	-1.14	10	(λ30 1.00)
14164-1312	33	0.86	0.21	-0.16	1.73	3331	28	333.39	44.19	4	(δ6 1.00)
14166-3637	12	-1.01	0.11	-0.08	0.44	3333	16	321.96	22.73	19	(δ0 1.00)
14167-6717	12	-0.02	0.76	-0.02	3.11	3331	99	311.34	-6.11	4	(λ34 1.00)
14169-6027	22	0.74	2.32	4.44	1.74	3311	91	313.64	0.31	5	(ζ3 1.00)
14169-6529	21	0.17	1.46	-0.30	3.92	3331	99	311.96	-4.43	4	(β2 0.52)
14172-3117	22	0.99	0.62	-0.36	1.65	3331	0	324.25	27.66	3	(λ28 1.00)
14172-6627	23	0.92	0.74	0.10	4.32	3331	64	311.67	-5.34	2	(λ29 1.00)
14174-6707	22	0.06	0.90	-0.37	3.21	3331	22	311.46	-5.99	4	(β9 1.00)
14178-5911	33	1.55	1.05	2.01	3.65	3311	14	314.17	1.47	3	(α3 1.00)
14180-7107	12	-0.48	1.07	-0.29	0.13	3332	5	310.14	-9.77	6	(β0 1.00)
14182-6144	11	0.12	2.13	1.06	3.09	3331	16	313.36	-0.94	5	(ζ3 1.00)
14186-8326	23	0.75	-0.00	0.08	1.87	3331	13	305.68	-21.31	5	(δ1 1.00)
14189-0209	33	1.14	0.15	0.07	1.83	3331	0	342.84	53.35	4	(δ6 0.95)
14190-4937	23	0.54	0.16	0.73	2.39	3332	1	317.60	10.42	4	(α5 1.00)
14193-5544	22	0.21	0.25	0.14	4.06	3331	2	315.53	4.66	7	(δ0 1.00)
14198-6115	33	1.45	2.61	4.01	1.91	3332	9	313.70	-0.55	4	(ζ0 1.00)
14200-6401	12	0.25	1.28	0.09	2.40	3331	11	312.77	-3.17	4	(β11 1.00)
14201-2731	23	1.32	0.05	0.10	2.09	3311	10	326.60	30.87	4	(δ3 1.00)
14202-6330	22	0.22	0.22	0.79	3.00	3331	50	312.97	-2.69	4	(α5 1.00)
14206-6151	23	1.97	3.51	4.23	2.25	3333	19	313.58	-1.16	4	(ζ0 1.00)
14207-6556	13	0.43	1.30	-0.13	3.35	3331	99	312.18	-4.99	4	(β2 1.00)
14216-6152	11	-1.11	1.20	0.48	3.03	3331	43	313.69	-1.20	10	(β11 1.00)
14217-7757	23	1.51	0.87	-0.55	2.12	3331	4	307.91	-16.25	2	(β5 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
14231-4355	23	0.49	0.85	0.16	0.98	3332	51	320.36	15.48	4	(λ27 1.00)
14232-6106	13	-0.09	1.02	1.17	3.66	3222	44	314.13	-0.56	5	(λ20 1.00)
14234-5359	12	-0.87	0.62	-0.11	0.99	3331	10	316.70	6.09	9	(λ34 1.00)
14245-6017	13	1.11	0.96	1.97	3.58	3312	10	314.57	0.15	4	(ε2 1.00)
14247+0454	11	-1.46	1.01	0.03	0.00	3333	97	352.67	57.97	14	(β8 1.00)
14248-5927	12	-1.33	1.04	-0.12	2.67	3331	53	314.92	0.92	13	(β11 1.00)
14251-3246	12	-0.21	1.10	0.10	-0.04	3332	6	325.33	25.63	5	(β1 1.00)
14251-6256	11	-1.49	1.10	-0.35	3.63	3331	99	313.69	-2.34	12	(β8 1.00)
14259-3841	23	0.15	0.64	0.01	0.42	3331	7	322.96	20.14	6	(λ25 1.00)
14259-5545	23	1.38	0.24	0.91	4.35	3331	0	316.39	4.30	2	(α6 1.00)
14263-4333	22	0.07	0.12	0.42	1.50	3333	4	321.06	15.61	6	(δ1 0.96)
14265+2604	23	1.09	0.01	-0.13	2.13	3321	2	35.13	68.22	3	(δ5 1.00)
14266-4211	12	-0.40	1.01	-0.24	0.14	3331	86	321.67	16.84	6	(β1 1.00)
14271-6142	23	1.30	0.86	2.58	4.01	3311	81	314.36	-1.29	2	(α6 1.00)
14272-7034	12	0.40	0.66	-0.05	1.22	3331	72	311.06	-9.52	3	(λ21 1.00)
14273-5007	23	1.30	0.64	0.28	3.82	3331	5	318.70	9.46	2	(β13 1.00)
14273-6153	12	0.05	1.23	0.06	4.77	3331	99	314.31	-1.47	4	(β0 0.99)
14274-4828	23	0.73	0.71	-0.15	1.56	3331	57	319.33	10.99	3	(λ18 1.00)
14275+7555	23	0.45	-0.01	-0.15	1.53	3331	5	115.39	39.99	6	(δ1 1.00)
14275-5558	23	0.50	0.89	-0.16	3.89	3331	74	316.52	4.03	3	(β2 1.00)
14277+3904	11	-0.42	0.41	-0.18	0.27	3331	13	68.96	66.39	8	(λ25 1.00)
14280-2952	11	-1.84	0.60	-0.06	0.28	3333	5	327.29	28.02	30	(λ30 1.00)
14281-6318	22	0.05	0.80	-0.06	4.55	3331	96	313.87	-2.81	4	(β8 1.00)
14284-5245	12	0.13	1.30	0.43	1.80	3331	15	317.85	6.96	4	(λ20 1.00)
14286-4706	12	-0.16	1.24	-0.25	0.11	3331	6	320.06	12.17	5	(β8 1.00)
14286-5905	11	-0.66	0.30	-0.07	4.13	3331	14	315.49	1.07	8	(α0 1.00)
14296+3035	13	0.10	-0.00	-0.19	1.21	3331	0	47.30	67.81	7	(δ1 1.00)
14297-6010	21	-0.18	1.38	-0.22	5.07	3321	99	315.22	0.02	5	(ε1 1.00)
14299-6020	12	-1.05	1.23	0.21	4.57	3331	23	315.18	-0.15	9	(β11 1.00)
14301-5734	11	-0.83	0.96	-0.68	3.30	3331	1	316.25	2.42	8	(β1 0.99)
14302-6026	12	0.02	1.27	1.12	3.29	3311	98	315.18	-0.25	5	(β0 1.00)
14303-5859	12	0.40	0.80	0.43	3.19	3332	16	315.74	1.09	5	(λ28 0.96)
14309-5126	22	-0.11	0.44	0.11	2.83	3331	0	318.72	8.03	5	(α0 1.00)
14310-3128	23	0.89	0.63	-0.08	1.26	3331	48	327.18	26.30	3	(λ10 0.99)
14310-6044	22	-0.58	0.43	0.77	4.71	3331	25	315.15	-0.57	10	(λ25 1.00)
14312-5847	33	1.05	0.67	0.50	4.84	3311	0	315.92	1.23	3	(λ18 1.00)
14314-6945	33	1.38	0.13	-0.06	2.93	3321	0	311.71	-8.90	3	(δ3 1.00)
14316-3920	13	0.22	0.39	0.09	0.70	3331	7	323.77	19.10	5	(λ7 0.57)
14318-5937	12	0.04	1.35	0.09	5.09	3331	28	315.67	0.42	3	(η0 1.00)
14318-6107	22	0.21	0.86	0.37	5.53	3331	98	315.10	-0.96	5	(λ27 1.00)
14319-7154	23	1.04	1.34	-0.00	1.16	3333	73	310.89	-10.90	2	(β6 1.00)
14320-6020	23	0.30	1.15	1.27	3.93	3311	10	315.42	-0.24	4	(λ27 0.97)
14326-4309	13	0.75	0.29	0.41	1.04	3331	3	322.33	15.53	4	(δ7 0.80)
14331-5213	23	1.05	0.80	0.09	3.88	3331	5	318.73	7.18	2	(β5 1.00)
14336-5224	23	0.78	1.34	0.07	2.95	3331	37	318.71	6.97	3	(β4 1.00)
14336-6040	23	1.01	0.81	2.67	3.74	3311	98	315.47	-0.63	3	(λ21 0.98)
14337-5716	23	0.78	0.96	-0.23	4.35	3331	24	316.81	2.50	3	(β7 1.00)
14337-6215	11	-1.03	1.04	0.05	1.64	3332	99	314.87	-2.09	8	(β0 0.99)
14339-6048	22	0.82	0.97	2.00	3.13	3322	16	315.45	-0.76	3	(ε2 1.00)
14339-7218	33	1.07	0.56	-0.07	2.02	3331	91	310.87	-11.33	3	(λ10 1.00)
14344-6835	23	0.65	0.69	-0.43	2.09	3331	99	312.42	-7.94	3	(β2 0.99)
14345-5529	23	0.95	1.14	0.71	3.17	3331	27	317.62	4.09	2	(β5 1.00)
14346-5952	33	0.96	2.44	1.91	2.29	3331	16	315.90	0.07	3	(ζ0 0.94)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
14349+2657	12	0.49	0.65	-0.06	0.69	3332	34	38.07	66.47	4	(λ28 1.00)
14352-5537	12	0.01	1.45	-0.01	2.43	3331	39	317.66	3.93	4	(β0 1.00)
14353-4809	12	0.35	1.89	0.23	0.69	3333	99	320.70	10.77	4	(ζ4 1.00)
14354-4839	23	0.69	0.67	0.11	2.99	3331	4	320.49	10.30	3	(η0 1.00)
14358-6303	21	-0.77	1.12	0.16	1.17	3332	99	314.77	-2.91	5	(λ20 1.00)
14359-6037	11	-2.24	-0.04	-0.26	4.26	3331	34	315.75	-0.69	61	(δ0 1.00)
14359-6507	12	0.49	0.75	0.15	2.32	3331	0	313.95	-4.82	5	(λ28 1.00)
14366-5803	12	0.16	1.71	0.52	2.71	3331	17	316.86	1.62	5	(η0 1.00)
14369-6146	23	0.84	1.01	0.06	5.59	3331	99	315.40	-1.79	3	(β2 1.00)
14370-4050	33	1.36	0.89	-0.15	1.54	3321	6	324.09	17.31	2	(β7 1.00)
14371+3245	11	-1.61	0.93	-0.14	-0.12	3333	0	52.53	66.07	16	(β8 1.00)
14371-6233	12	-0.56	0.20	1.09	3.79	3311	25	315.10	-2.51	9	(α5 1.00)
14372-6106	12	0.36	0.67	0.39	5.43	3331	91	315.71	-1.20	4	(λ24 0.93)
14373-5922	23	0.93	0.76	2.30	4.11	3311	99	316.42	0.38	3	(λ21 1.00)
14376-5849	23	1.78	0.82	2.55	3.89	3321	96	316.67	0.87	3	(λ16 1.00)
14382-6017	12	0.13	3.74	4.12	1.67	3333	99	316.14	-0.50	9	(γ0 1.00)
14384-5127	23	0.73	0.64	-0.12	3.76	3331	73	319.79	7.55	3	(λ27 1.00)
14384-5621	23	0.78	0.79	-0.16	4.58	3331	0	317.77	3.07	3	(λ10 0.67)
14390+3147	11	-0.84	0.78	0.05	0.38	3333	0	50.09	65.74	10	(λ12 1.00)
14394-5853	23	1.62	1.38	2.58	3.00	3111	32	316.86	0.71	3	(λ35 1.00)
14394-6004	33	1.12	3.12	5.00	1.84	3333	99	316.37	-0.37	3	(γ1 1.00)
14404-6320	12	-0.75	1.07	0.01	2.99	3331	99	315.12	-3.39	6	(λ20 0.99)
14405-3457	23	0.30	-0.01	0.87	1.32	3333	2	327.48	22.29	6	(δ8 1.00)
14410-5055	23	1.04	0.77	-0.29	2.43	3331	2	320.39	7.87	3	(β10 1.00)
14412+2644	22	-0.36	0.08	-0.09	0.56	3331	6	38.00	65.06	12	(δ0 1.00)
14415-7850	13	0.15	0.05	-0.04	1.28	3331	12	308.49	-17.45	7	(δ1 1.00)
14425-6023	33	1.16	2.91	3.61	1.73	3333	21	316.59	-0.81	4	(ζ3 1.00)
14426-0112	23	1.23	-0.02	0.19	1.98	3321	5	351.32	50.45	4	(δ2 0.94)
14428-5742	22	-0.08	2.20	0.75	2.91	3331	99	317.75	1.61	6	(ζ3 1.00)
14431-5618	12	-0.22	1.04	0.06	3.21	3331	17	318.38	2.85	5	(β0 1.00)
14436-5736	12	0.44	1.26	-0.06	5.15	3331	99	317.90	1.64	4	(β0 1.00)
14437+1520	11	-1.44	0.16	-0.00	-0.01	3333	0	14.55	60.79	25	(δ0 1.00)
14441-4906	12	-0.45	0.83	-0.21	2.26	3331	48	321.63	9.29	9	(λ30 1.00)
14442-5848	22	-0.02	1.27	2.21	3.41	3321	97	317.45	0.53	5	(ε1 1.00)
14443-5708	12	-0.43	1.38	0.29	3.30	3331	99	318.18	2.03	7	(λ20 1.00)
14451-5647	12	0.21	0.91	0.32	4.26	3331	9	318.43	2.30	4	(λ30 1.00)
14452-6033	22	0.72	2.28	1.01	4.06	3331	18	316.81	-1.11	2	(ζ3 1.00)
14453-4920	11	-0.74	1.18	-0.06	1.33	3331	2	321.70	8.99	8	(β0 1.00)
14455-3625	11	-1.21	0.16	0.09	0.96	3333	34	327.72	20.53	20	(δ0 1.00)
14455-5054	22	-0.63	0.83	-0.07	0.61	3331	97	321.05	7.58	7	(β8 1.00)
14460-5529	22	0.85	1.63	0.25	3.27	3331	5	319.11	3.42	3	(λ6 0.98)
14465-6000	11	-0.52	1.55	2.17	2.36	3311	98	317.20	-0.69	5	(ε1 1.00)
14473-2745	13	0.52	-0.06	0.05	2.17	3331	39	332.64	27.97	5	(δ2 1.00)
14473-6842	23	0.50	0.81	0.01	1.52	3333	95	313.44	-8.54	4	(β9 0.96)
14474-5433	13	0.46	0.99	0.00	3.92	3331	12	319.70	4.16	4	(λ27 1.00)
14475-5715	33	1.21	0.75	2.45	3.65	3311	30	318.52	1.73	2	(α2 1.00)
14477-5812	22	-0.07	1.33	-0.09	4.93	3331	99	318.12	0.87	5	(β1 1.00)
14482-2441	23	0.74	0.70	-0.13	1.09	3331	7	334.61	30.51	4	(δ7 1.00)
14484-5730	22	0.87	1.04	0.87	5.16	3331	24	318.52	1.45	3	(λ21 1.00)
14484-6152	11	-3.43	0.42	0.47	1.29	3331	99	316.59	-2.45	77	(λ30 1.00)
14498-6257	23	0.86	0.89	-0.01	4.55	3331	98	316.24	-3.51	3	(β9 1.00)
14500-6200	13	0.63	1.04	0.64	4.12	3321	99	316.69	-2.67	2	(β5 1.00)
14502-6010	33	1.18	1.00	3.03	3.91	3311	9	317.54	-1.03	2	(β5 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
14507-6401	12	0.76	1.14	0.52	2.05	3332	99	315.85	-4.50	3	(β2 1.00)
14508+7421	11	-1.88	-0.00	-0.18	0.01	3333	19	112.65	40.50	40	(δ0 1.00)
14511-5905	23	0.75	1.45	3.18	2.32	3311	99	318.13	-0.11	2	(ε2 1.00)
14512-4746	23	0.74	0.25	-0.20	2.40	3321	11	323.30	9.96	4	(λ7 1.00)
14521-6058	22	0.15	0.65	0.54	3.16	3331	99	317.38	-1.85	5	(α0 1.00)
14524-2148	23	0.44	0.83	0.05	0.47	3331	19	337.37	32.45	3	(β9 1.00)
14528-6005	22	0.86	0.92	3.61	3.28	3311	96	317.87	-1.11	3	(λ31 1.00)
14531-5337	11	-1.90	1.23	-0.18	0.30	3333	99	320.86	4.62	17	(β0 1.00)
14539-5145	33	1.03	1.20	0.03	2.49	3332	38	321.84	6.23	3	(β7 1.00)
14542-4631	33	0.98	0.99	0.07	1.70	3331	43	324.34	10.83	2	(β7 1.00)
14542-5858	23	0.21	1.14	1.33	3.26	3322	0	318.53	-0.19	4	(λ21 1.00)
14550-1214	11	-1.27	0.73	-0.09	0.19	3333	1	344.78	39.96	14	(λ25 1.00)
14559-5446	12	-1.37	0.87	-0.22	0.39	3331	99	320.70	3.42	9	(β8 1.00)
14559-5936	23	0.42	1.00	0.69	5.73	3321	98	318.43	-0.85	3	(η1 1.00)
14559-6228	23	0.63	0.72	0.62	4.04	3311	1	317.09	-3.39	3	(λ28 1.00)
14562-5406	11	-1.28	2.88	1.27	0.13	3333	7	321.05	3.99	13	(γ0 1.00)
14562-5637	23	1.04	2.47	1.26	2.66	3331	85	319.87	1.75	3	(ζ2 1.00)
14567+6607	11	-1.61	0.12	-0.13	-0.56	3332	20	104.87	46.53	32	(δ0 1.00)
14567-5846	11	-0.19	3.93	3.98	1.88	3311	99	318.92	-0.17	6	(γ0 1.00)
14568+0445	13	1.01	0.07	-0.09	1.96	3331	1	2.14	52.07	4	(δ6 0.99)
14571-2135	33	1.21	0.92	-0.01	1.29	3331	16	338.59	32.04	4	(β7 1.00)
14572-6038	12	0.38	1.89	0.11	2.84	3331	99	318.09	-1.84	4	(ε1 1.00)
14580-3416	12	0.00	0.50	-0.16	0.58	3332	18	331.23	21.17	5	(λ30 0.85)
14582-5926	11	-2.14	1.58	0.15	2.89	3331	99	318.78	-0.85	19	(ζ4 1.00)
14587-0233	23	0.80	0.12	-0.21	1.81	3331	4	354.40	46.72	4	(δ5 0.51)
14587-6608	12	0.10	0.98	-0.27	2.95	3331	10	315.61	-6.76	4	(β9 0.96)
14590-6153	13	0.43	1.03	-0.30	4.75	3331	99	317.69	-3.05	3	(β4 0.97)
14591-4438	11	-2.58	1.14	-0.23	-0.21	3333	5	326.05	12.07	36	(β0 1.00)
14592+0003	13	1.08	0.10	-0.03	1.94	3321	1	357.28	48.48	3	(δ5 1.00)
14595-4124	23	0.39	1.42	0.07	0.62	3333	46	327.75	14.85	4	(β2 1.00)
14598-7124	12	-0.40	0.97	-0.04	0.21	3333	36	313.12	-11.42	6	(λ34 1.00)
15000+4035	13	0.87	-0.02	-0.14	1.95	3331	5	67.62	60.04	4	(δ2 1.00)
15004+3152	12	0.09	0.08	-0.16	1.09	3331	7	49.97	61.20	7	(δ0 1.00)
15004-5809	12	-0.25	2.13	1.46	0.85	3312	99	319.64	0.14	5	(ζ0 1.00)
15005-5758	23	0.60	1.11	1.50	4.38	3111	89	319.73	0.29	3	(η1 1.00)
15008-5808	22	0.17	1.34	2.68	2.23	3311	57	319.69	0.12	3	(ε2 1.00)
15011-2505	11	-2.13	-0.11	0.03	-0.14	3333	5	337.22	28.62	45	(δ0 1.00)
15014-4040	22	-0.41	0.10	-0.07	0.53	3331	21	328.45	15.32	11	(δ0 1.00)
15022-5547	32	2.56	4.61	1.81	0.31	3331	29	320.99	2.09	2	(γ1 1.00)
15023-6916	11	-0.61	0.58	-0.12	0.38	3332	26	314.37	-9.67	10	(λ30 1.00)
15025-5703	23	0.78	0.25	2.92	3.76	3311	47	320.42	0.97	4	(δ7 0.85)
15026-7358	33	1.22	0.57	0.06	1.78	3331	93	312.00	-13.75	3	(λ6 0.99)
15027-5959	12	-1.39	1.22	0.22	2.09	3331	79	319.01	-1.60	12	(β11 1.00)
15030-5319	12	-0.05	1.19	-0.04	1.57	3331	7	322.32	4.19	4	(ε1 0.75)
15038-1603	23	0.93	0.01	-0.15	1.98	3321	22	343.99	35.62	4	(δ8 0.75)
15043-5438	12	-0.94	0.56	0.19	3.67	3331	99	321.83	2.95	10	(α0 1.00)
15043-7213	23	0.73	0.69	-0.05	0.87	3332	18	313.02	-12.30	4	(λ18 1.00)
15044-5822	23	0.27	1.79	0.98	4.16	3311	97	319.98	-0.31	5	(λ21 0.98)
15044-6022	22	0.18	1.56	-0.08	4.77	3331	98	319.00	-2.05	4	(ε1 1.00)
15050-6037	22	0.32	1.74	1.03	3.79	3331	10	318.94	-2.29	4	(η0 1.00)
15054-5458	12	-0.08	1.90	0.50	2.99	3331	99	321.80	2.58	3	(ζ4 1.00)
15060+0947	12	-0.24	1.27	-0.18	-0.10	3333	42	11.02	53.27	5	(β0 1.00)
15062-5622	22	1.44	2.02	5.82	2.16	3133	14	321.19	1.30	4	(ζ0 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
15062-6230	33	1.48	1.44	1.12	3.05	3311	95	318.12	-4.00	2	(λ16 1.00)
15067-5159	23	1.14	1.40	0.11	3.73	3331	99	323.47	5.07	2	(β6 1.00)
15069-5502	23	1.19	0.62	0.88	5.47	3311	48	321.95	2.42	2	(θ0 1.00)
15073-6454	22	0.22	1.18	-0.18	2.96	3331	99	317.01	-6.13	4	(β0 1.00)
15075-4015	23	0.15	0.71	0.01	0.47	3331	0	329.69	15.08	6	(λ27 1.00)
15082-4808	11	-3.62	0.88	0.27	-0.24	3333	21	325.63	8.26	104	(λ30 1.00)
15082-5600	12	0.64	1.39	0.11	5.11	3331	99	321.63	1.49	4	(λ24 1.00)
15084-5702	11	-1.31	1.43	0.54	2.84	3331	99	321.12	0.59	11	(λ20 1.00)
15084-7551	33	1.30	0.77	-0.31	2.04	3331	12	311.33	-15.56	3	(λ18 1.00)
15086-5154	13	0.81	-0.06	0.40	4.89	3331	46	323.76	4.98	5	(δ2 1.00)
15086-5613	12	-0.13	1.63	0.29	3.50	3331	96	321.56	1.27	5	(ζ4 1.00)
15089-6133	23	1.09	0.09	1.61	3.45	3322	16	318.87	-3.33	4	(δ5 1.00)
15093-5917	21	0.50	1.13	0.85	5.07	3321	99	320.08	-1.41	3	(β11 1.00)
15094-6953	12	-2.13	0.19	0.41	0.52	3333	19	314.60	-10.52	34	(λ25 1.00)
15096-6009	22	-0.54	0.06	0.43	4.60	3311	20	319.67	-2.17	11	(α0 0.62)
15097-5234	12	0.62	1.16	-0.11	2.61	3331	99	323.55	4.32	3	(β2 1.00)
15099-5509	11	-2.63	1.29	0.01	2.17	3331	96	322.26	2.10	34	(ε1 1.00)
15099-6536	33	1.45	0.63	-0.04	2.55	3331	62	316.89	-6.87	2	(α6 1.00)
15100-5613	22	1.11	4.61	4.19	2.02	3333	0	321.72	1.17	4	(γ1 1.00)
15107-5726	11	-1.17	1.26	-0.12	3.95	3321	53	321.18	0.08	10	(β11 1.00)
15114-0142	13	0.34	0.90	-0.61	0.97	3331	0	358.48	45.06	4	(β4 1.00)
15115-5920	22	0.71	1.02	1.52	4.69	3311	3	320.29	-1.60	3	(β4 1.00)
15123+4221	23	1.08	0.06	-0.07	2.01	3331	0	69.70	57.34	3	(δ2 1.00)
15123-0213	13	0.27	0.08	-0.10	1.21	3331	20	358.16	44.53	7	(δ1 1.00)
15134+3329	23	0.73	0.07	-0.07	1.66	3331	0	53.11	58.43	4	(δ5 1.00)
15134-4527	32	2.44	4.21	2.28	0.26	3333	8	327.82	10.08	3	(γ1 1.00)
15142-5547	22	0.50	1.54	0.26	4.69	3331	99	322.45	1.24	3	(ζ4 1.00)
15143-7136	23	1.14	0.07	-0.07	2.85	3321	19	314.03	-12.19	4	(δ3 1.00)
15148-4940	11	-2.06	0.45	0.22	0.39	3333	30	325.77	6.39	27	(α0 1.00)
15150-4912	23	0.36	0.56	0.44	2.10	3333	0	326.03	6.76	5	(λ25 1.00)
15152+3632	13	0.90	0.62	-0.18	1.39	3331	7	58.83	57.87	3	(λ18 1.00)
15152-6241	12	-1.17	1.17	-0.25	2.31	3331	99	318.91	-4.69	8	(ε1 1.00)
15153-2745	33	0.88	0.64	0.32	1.61	3331	31	338.46	24.62	3	(η1 0.91)
15153-5211	23	0.57	0.89	0.05	2.64	3331	49	324.49	4.21	3	(β3 1.00)
15154-3902	23	0.75	0.73	-0.03	1.27	3331	11	331.70	15.27	3	(λ21 1.00)
15162-7423	12	-0.07	0.89	-0.50	0.46	3331	99	312.59	-14.59	4	(β9 1.00)
15163-5525	32	1.25	2.88	4.24	2.56	3311	96	322.89	1.40	3	(ε0 1.00)
15163-5713	23	1.18	0.08	3.95	3.28	3311	61	321.94	-0.13	4	(δ8 1.00)
15164-5635	12	0.23	1.48	0.68	4.36	3331	99	322.30	0.40	4	(η0 1.00)
15166-0857	23	0.34	0.10	-0.08	1.23	3331	0	352.77	39.01	8	(δ2 1.00)
15171-5916	23	0.98	1.17	1.90	3.78	3311	88	320.93	-1.91	2	(α6 1.00)
15174-4821	22	0.52	1.55	0.06	2.95	3331	99	326.84	7.26	3	(ε1 1.00)
15179-4529	23	1.39	0.47	0.16	4.23	3321	18	328.48	9.62	2	(ε3 1.00)
15180-4919	33	1.36	1.19	0.33	2.61	3332	99	326.40	6.41	3	(β4 1.00)
15180-6701	23	1.08	0.72	0.17	2.43	3331	10	316.82	-8.51	3	(α1 1.00)
15185-2830	23	0.86	0.71	-0.25	3.49	3331	0	338.62	23.59	3	(λ22 1.00)
15186-3604	11	-0.59	0.06	-0.15	1.13	3331	2	333.96	17.39	12	(δ0 1.00)
15186-5730	11	-0.14	1.14	0.32	4.84	3331	99	322.04	-0.54	5	(λ34 1.00)
15188-5750	32	0.76	1.07	2.40	4.06	3311	99	321.90	-0.83	3	(ζ1 1.00)
15190-3200	12	0.35	0.04	0.23	1.67	3331	54	336.50	20.68	6	(δ0 0.92)
15191-2352	23	0.62	1.07	-0.07	0.55	3331	11	341.80	27.22	2	(β6 1.00)
15191-3905	33	1.51	1.12	-0.59	3.88	3321	6	332.30	14.85	3	(β7 1.00)
15191-5838	23	1.14	0.49	1.75	4.94	3311	5	321.50	-1.52	3	(δ7 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
15193+1429	11	-0.45	0.63	0.60	0.88	3333	76	20.50	52.78	6	(λ34 1.00)
15193+3132	11	-2.13	1.05	-0.15	0.03	3333	47	49.47	57.18	25	(β8 1.00)
15193-5656	22	0.57	3.13	1.13	2.88	3111	16	322.43	-0.12	4	(η0 1.00)
15194-1829	33	0.73	0.87	0.11	2.25	3331	14	345.70	31.40	3	(λ10 1.00)
15194-5115	21	-4.17	0.64	0.40	-0.03	3332	96	325.53	4.66	162	(λ30 0.72)
15195-6510	12	0.07	0.91	-0.01	0.82	3331	36	317.97	-7.04	5	(λ34 1.00)
15198-5658	31	0.57	3.13	1.13	3.18	1331	75	322.47	-0.18	2	(γ0 1.00)
15198-6032	22	0.79	1.22	-0.17	5.06	3331	99	320.53	-3.18	3	(ε2 1.00)
15202-5539	13	0.17	0.68	0.41	5.29	3331	97	323.24	0.90	5	(λ24 0.84)
15206-5708	33	1.23	1.15	2.58	3.75	3111	99	322.47	-0.38	2	(β3 1.00)
15207+3945	23	1.21	0.02	-0.13	2.24	3321	1	64.43	56.37	3	(δ3 1.00)
15211-4254	12	0.02	0.95	-0.12	0.57	3331	99	330.43	11.47	5	(β4 1.00)
15214-2244	11	-2.06	0.41	0.03	0.28	3333	21	343.05	27.81	24	(λ30 1.00)
15216-5906	23	0.19	0.90	1.39	3.48	3311	99	321.51	-2.09	4	(β1 1.00)
15219-7545	11	-0.00	0.11	0.47	0.50	3332	37	312.11	-15.93	6	(α5 1.00)
15223-0203	11	-1.38	1.10	-0.01	-0.18	3333	9	0.64	42.80	16	(β8 1.00)
15223-5743	12	-0.23	0.32	0.85	5.22	3331	98	322.34	-0.99	8	(α0 1.00)
15225-5605	11	-0.87	1.82	0.92	2.32	3331	94	323.27	0.36	10	(ζ0 1.00)
15226-3603	11	-1.92	1.13	-0.19	0.09	3332	31	334.67	16.95	21	(β0 1.00)
15229-4118	13	0.57	0.51	-0.07	3.56	3331	3	331.62	12.61	4	(λ28 1.00)
15229-5445	22	0.22	1.65	0.29	4.00	3331	99	324.05	1.44	4	(ζ4 1.00)
15229-6141	12	0.57	0.60	0.21	4.17	3331	31	320.22	-4.34	4	(λ24 1.00)
15231-6421	23	1.01	-0.00	-0.10	2.84	3311	0	318.75	-6.57	4	(δ6 1.00)
15234+1536	23	0.52	0.07	-0.17	1.54	3331	15	22.86	52.36	5	(δ1 1.00)
15236-5241	13	1.30	1.41	0.35	2.83	3331	99	325.29	3.10	3	(β5 1.00)
15236-5556	12	0.06	1.48	2.21	3.01	3311	99	323.48	0.41	5	(ε1 1.00)
15238+5908	12	0.20	0.04	-0.07	1.15	3331	2	93.97	48.63	7	(δ0 1.00)
15238-5951	22	0.98	1.47	0.15	4.99	3321	99	321.33	-2.87	3	(β2 1.00)
15239-5733	12	-0.45	0.49	0.24	5.51	3331	7	322.62	-0.96	8	(λ30 1.00)
15240-6550	23	1.27	0.93	-0.13	1.95	3331	38	317.99	-7.85	2	(β5 1.00)
15246-5612	21	0.72	2.96	4.39	1.86	3333	3	323.45	0.10	6	(ζ0 1.00)
15249-3711	13	0.98	0.06	-0.25	4.55	3321	0	334.39	15.76	3	(λ7 1.00)
15249-5550	13	0.78	1.01	2.17	4.26	3111	93	323.68	0.38	4	(η1 1.00)
15254-5621	12	-1.18	3.54	3.78	1.45	3333	11	323.46	-0.08	10	(γ0 1.00)
15254-7718	21	-0.19	1.49	0.22	-0.05	3333	99	311.36	-17.31	5	(ε1 1.00)
15255+1944	11	-2.30	1.08	-0.40	-0.24	3333	3	29.51	53.48	24	(β0 1.00)
15259-4633	23	0.74	0.07	-0.14	2.82	3321	20	329.05	7.97	4	(δ1 1.00)
15260-5747	21	-0.10	1.45	-0.00	4.66	3331	5	322.72	-1.31	5	(ε1 1.00)
15261-5702	12	-0.63	1.09	0.43	2.75	3332	99	323.15	-0.70	13	(λ30 1.00)
15262+0400	12	-0.53	1.12	-0.16	-0.13	3333	88	8.10	45.84	7	(β1 1.00)
15264-6343	13	1.17	0.85	0.05	3.60	3331	99	319.41	-6.24	2	(β5 1.00)
15269-3042	23	0.56	0.97	-0.05	3.15	3331	10	338.78	20.74	4	(β4 1.00)
15269-4400	11	-0.95	1.18	-0.72	0.37	3331	14	330.68	9.97	8	(β0 1.00)
15276-5518	33	0.86	1.30	1.93	4.06	3311	82	324.30	0.61	3	(β6 1.00)
15278-5620	12	0.20	3.68	4.56	1.66	3333	71	323.74	-0.25	11	(γ0 1.00)
15278-6223	13	0.60	0.40	0.97	3.10	3331	37	320.30	-5.24	4	(δ8 1.00)
15286-5042	23	0.90	0.01	0.16	5.29	3311	14	327.05	4.31	4	(δ2 1.00)
15287-5811	11	-2.17	1.31	0.06	2.72	3331	10	322.80	-1.85	25	(β11 1.00)
15290-5546	11	-0.56	4.12	4.34	1.51	3333	7	324.20	0.12	6	(γ0 1.00)
15291+4100	23	0.70	0.10	-0.16	1.68	3331	19	66.11	54.59	5	(δ1 0.96)
15291-5527	33	0.94	1.18	2.09	4.17	3311	99	324.39	0.37	3	(β2 1.00)
15292-2342	22	-0.31	0.07	0.02	2.89	3331	5	343.94	25.91	9	(δ0 1.00)
15294-5655	33	1.25	0.96	3.21	3.41	3311	55	323.58	-0.87	3	(α3 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
15297-6040	12	0.25	0.72	0.28	3.66	3331	98	321.48	-3.95	4	(β2 1.00)
15298+0348	12	-0.48	0.65	-0.40	0.29	3331	1	8.65	44.99	7	(λ30 1.00)
15303-2700	12	-0.21	0.52	0.01	1.44	3331	8	341.85	23.19	6	(λ25 1.00)
15303-5456	12	-0.38	1.98	0.41	3.35	3331	99	324.83	0.69	5	(ζ0 1.00)
15304-1509	13	0.62	0.47	-0.42	1.50	3331	28	350.61	32.18	4	(λ7 1.00)
15304-5704	12	-0.39	1.11	0.05	5.65	3331	99	323.62	-1.07	6	(β8 1.00)
15305-3728	33	1.33	0.03	0.12	4.83	3311	8	335.14	14.88	3	(δ4 1.00)
15307-3953	13	0.47	0.04	-0.04	3.46	3331	51	333.69	12.90	6	(δ1 1.00)
15307-4122	22	0.63	0.76	-0.11	1.64	3331	64	332.80	11.70	3	(η0 0.99)
15307-5649	13	0.07	0.87	0.54	5.29	3331	76	323.79	-0.88	5	(λ20 0.96)
15311-5538	11	-0.21	1.11	0.29	4.83	3331	30	324.52	0.04	6	(β11 1.00)
15312-6144	23	0.23	1.14	-0.54	3.54	3331	99	321.00	-4.93	4	(β4 1.00)
15314+7847	11	-1.78	0.58	-0.36	-0.03	3333	99	114.05	35.62	19	(λ30 1.00)
15318-6318	23	1.05	0.18	-0.02	4.76	3321	33	320.14	-6.25	3	(δ6 0.66)
15318-7144	31	1.60	4.58	1.32	-0.07	3333	33	315.11	-13.08	3	(γ1 1.00)
15319-4552	12	0.03	0.82	-0.13	1.08	3331	55	330.30	7.93	5	(β1 1.00)
15321-6609	23	1.00	0.03	0.02	2.47	3321	10	318.49	-8.57	4	(δ5 1.00)
15323-4920	11	-0.75	0.89	0.05	2.30	3331	84	328.32	5.08	9	(λ34 1.00)
15324-6157	23	0.61	1.24	-0.28	3.95	3331	99	320.99	-5.19	3	(β6 1.00)
15327-1437	23	1.07	-0.08	0.32	1.75	3311	13	351.52	32.20	5	(δ2 1.00)
15328+7731	23	0.81	0.08	-0.15	1.80	3331	15	112.85	36.46	4	(δ8 1.00)
15330-4706	22	0.35	0.69	0.13	3.35	3331	4	329.73	6.82	3	(λ24 1.00)
15330-5537	22	0.10	0.87	0.66	5.37	3321	98	324.74	-0.09	6	(α4 1.00)
15332-6430	11	-0.94	1.24	0.24	0.00	3333	99	319.56	-7.32	9	(β0 1.00)
15333-7230	22	0.33	0.72	-0.18	0.79	3331	99	314.73	-13.76	4	(λ21 0.99)
15334+2555	23	1.02	0.94	-0.52	1.52	3331	5	40.34	53.39	3	(β4 1.00)
15334+3910	13	0.42	0.04	-0.20	1.50	3331	6	62.81	54.03	6	(δ2 0.87)
15336-3736	12	0.04	0.54	-0.16	1.51	3332	92	335.58	14.40	4	(λ27 1.00)
15339-2758	13	-0.06	0.07	-0.22	3.66	3331	5	341.89	21.95	9	(δ0 1.00)
15341+1515	11	-2.06	0.77	0.02	-0.05	3333	20	24.08	49.88	37	(λ25 1.00)
15346-4224	13	0.50	-0.02	-0.07	4.00	3331	13	332.78	10.44	6	(δ1 1.00)
15347-5555	21	-0.95	1.31	0.70	2.92	3331	5	324.77	-0.47	9	(β11 1.00)
15356-6722	11	-0.90	1.55	-0.07	-0.37	3333	99	318.04	-9.77	7	(ε1 1.00)
15357-5239	22	-0.21	1.84	0.25	1.84	3331	99	326.81	2.08	4	(ζ0 1.00)
15361+2441	11	-1.24	0.17	-0.02	0.02	3333	24	38.56	52.54	19	(δ0 1.00)
15367+1044	33	1.40	0.82	-0.16	1.77	3331	2	18.42	47.27	2	(β7 1.00)
15369-3505	12	0.55	0.98	-0.05	3.05	3331	25	337.71	15.98	4	(λ21 1.00)
15373-4953	13	0.57	0.84	-0.55	3.50	3321	99	328.66	4.16	3	(β2 1.00)
15373-5308	11	-0.32	1.99	1.58	2.22	3331	7	326.71	1.55	6	(ζ4 1.00)
15380-6545	12	-0.80	0.66	0.07	0.24	3331	52	319.21	-8.63	13	(λ30 1.00)
15383-5704	23	0.96	0.37	3.37	3.89	3311	49	324.49	-1.69	4	(λ32 1.00)
15384-6332	33	0.98	1.03	0.31	1.27	3331	18	320.60	-6.87	3	(λ6 1.00)
15389-5757	23	1.46	0.10	3.31	3.43	3311	6	324.02	-2.45	3	(λ1 1.00)
15390-1931	23	0.34	0.01	0.39	2.30	3322	7	348.94	27.58	7	(δ1 1.00)
15390-5525	33	1.22	1.05	2.89	4.15	3311	98	325.55	-0.43	3	(β10 1.00)
15392-5434	23	0.72	0.80	2.47	3.74	3311	1	326.09	0.22	3	(δ6 1.00)
15392-5545	23	0.92	1.23	1.04	6.03	3321	84	325.37	-0.71	2	(η0 1.00)
15396+3842	12	0.06	0.16	0.04	0.79	3331	2	61.85	52.88	6	(δ0 1.00)
15397-6200	23	0.58	1.19	1.00	2.11	3331	91	321.66	-5.74	4	(β9 0.97)
15399-5305	12	-0.28	1.89	0.77	3.59	3331	95	327.06	1.36	5	(ζ4 1.00)
15402-3700	12	-0.83	0.60	0.22	0.39	3332	5	337.03	14.06	11	(λ25 1.00)
15402-5449	11	-0.77	0.74	1.51	3.64	3311	26	326.04	-0.05	10	(λ12 1.00)
15403-4714	22	-0.09	0.81	-0.24	2.11	3331	27	330.64	5.98	5	(λ27 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
15406-2140	12	0.26	0.61	-0.29	1.88	3331	16	347.64	25.74	5	(λ30 1.00)
15408-5413	11	-1.93	2.37	0.63	1.47	3331	37	326.48	0.37	17	(ζ0 1.00)
15408-5657	21	0.07	2.33	1.21	0.48	3322	18	324.82	-1.81	4	(ζ0 1.00)
15410-0133	11	-1.56	0.56	-0.14	-0.05	3333	21	5.13	39.54	18	(λ30 1.00)
15413-6518	23	0.81	1.42	0.19	0.43	3331	99	319.77	-8.47	4	(β4 1.00)
15415+0232	23	1.05	0.99	0.05	1.45	3331	5	9.57	41.88	2	(β5 1.00)
15418+0634	12	-0.40	0.02	-0.11	0.62	3331	4	14.20	44.08	11	(δ0 1.00)
15422-4414	12	-0.01	2.03	0.48	-0.06	3331	99	332.77	8.15	4	(ζ4 1.00)
15423-5348	33	0.60	1.11	1.68	4.10	3311	99	326.91	0.58	3	(ζ2 1.00)
15423-6534	22	0.05	0.88	0.01	0.61	3333	2	319.69	-8.75	5	(λ27 0.93)
15431-6324	22	0.91	1.28	0.32	2.63	3331	99	321.10	-7.09	3	(β2 1.00)
15432-5200	12	-0.58	1.25	-0.29	5.20	3331	99	328.11	1.91	6	(ε1 1.00)
15439-6645	23	0.69	0.79	0.16	0.95	3331	99	319.07	-9.77	3	(θ0 1.00)
15440-6019	33	1.44	0.15	0.45	5.00	3311	20	323.10	-4.73	4	(δ4 1.00)
15448+3828	22	0.05	0.56	-0.14	0.03	3332	3	61.33	51.86	5	(λ30 1.00)
15449-4516	22	0.89	0.89	0.19	4.10	3331	0	332.50	7.03	3	(λ21 1.00)
15449-5623	21	-0.48	1.39	-0.05	4.98	3321	99	325.62	-1.70	6	(ε1 1.00)
15464+1817	12	-0.49	0.10	0.01	0.60	3333	59	30.10	48.33	10	(δ0 1.00)
15464-5341	23	0.62	1.41	2.46	3.19	3311	99	327.45	0.29	4	(ζ1 1.00)
15465+2818	12	-0.34	0.67	0.29	0.38	3333	4	45.05	50.97	7	(λ25 1.00)
15468-5018	11	-0.57	1.26	-0.16	4.20	3331	99	329.60	2.89	5	(β0 1.00)
15468-6149	23	1.03	1.47	-0.27	3.43	3331	98	322.43	-6.12	3	(β4 0.97)
15469-5311	12	-0.59	1.40	0.80	4.24	3331	15	327.82	0.63	7	(λ20 1.00)
15471-5644	12	-1.78	1.94	0.44	-0.24	3333	99	325.64	-2.16	15	(ζ4 1.00)
15474-5223	12	-1.17	1.86	0.62	2.98	3331	99	328.39	1.21	14	(ζ4 1.00)
15476-4836	22	0.40	2.30	1.02	0.49	3333	4	330.78	4.15	3	(ζ0 1.00)
15478+6135	23	1.19	0.13	-0.02	2.98	3331	18	94.84	44.83	3	(λ1 1.00)
15483+1517	11	-2.07	0.49	-0.11	-0.14	3333	87	26.23	46.76	25	(β8 1.00)
15483-3800	23	0.61	0.17	0.07	2.26	3331	11	337.66	12.27	5	(δ5 0.90)
15483-5514	11	-1.14	1.05	0.14	5.53	3331	72	326.70	-1.10	10	(β11 1.00)
15488-4928	12	-1.21	1.18	0.22	1.43	3331	93	330.38	3.35	11	(λ34 1.00)
15490+2107	13	0.49	-0.00	0.13	1.28	3331	11	34.44	48.70	5	(δ1 1.00)
15492+4837	11	-2.12	0.78	-0.03	-0.01	3333	53	76.98	49.44	33	(λ30 1.00)
15497-2556	23	0.62	0.66	0.71	3.50	3311	9	346.16	21.18	5	(λ28 1.00)
15500-5135	12	0.19	1.30	2.00	4.31	3311	99	329.20	1.58	4	(ε1 1.00)
15501-5948	23	0.91	0.76	0.50	3.85	3331	96	324.02	-4.81	3	(λ24 1.00)
15502-3609	33	1.22	0.92	0.58	1.87	3111	-1	339.18	13.45	3	(δ7 1.00)
15502-5302	21	-1.75	3.88	4.33	1.20	3333	30	328.31	0.43	21	(γ0 1.00)
15503-6314	12	-0.59	1.02	-0.01	2.37	3331	11	321.84	-7.47	6	(β11 1.00)
15506-5623	12	0.34	1.04	-0.41	5.43	3331	99	326.23	-2.20	4	(β4 1.00)
15509-1634	23	1.23	-0.06	0.05	3.93	3321	11	353.55	27.72	3	(δ2 1.00)
15509-5207	11	-0.81	2.05	0.24	3.50	3331	99	328.97	1.08	8	(ζ0 1.00)
15514-4843	23	1.42	0.78	0.57	3.48	3311	27	331.19	3.66	2	(λ16 1.00)
15514-5323	23	-0.14	2.65	2.27	1.71	3232	89	328.22	0.05	8	(ζ2 1.00)
15517-1043	13	0.64	1.05	0.26	1.05	3333	26	358.61	31.58	3	(λ21 0.98)
15518-2040	13	0.66	0.17	0.04	1.95	3331	15	350.49	24.67	4	(δ8 1.00)
15519-4949	12	0.41	1.02	-0.01	3.66	3331	10	330.55	2.76	4	(λ24 1.00)
15521-5751	23	1.23	1.88	-0.03	4.00	3331	99	325.46	-3.46	2	(β6 1.00)
15524-4429	23	1.03	0.69	0.24	2.61	3331	98	334.04	6.80	3	(η1 1.00)
15525-0350	23	0.94	0.80	0.22	3.03	3331	0	5.11	35.87	3	(λ17 1.00)
15527-6041	12	0.32	1.45	0.16	2.88	3331	99	323.70	-5.69	5	(β0 1.00)
15528-1242	23	0.80	0.56	-0.20	2.55	3333	60	357.11	30.06	3	(λ18 1.00)
15529+4316	22	0.26	0.08	-0.16	1.26	3331	5	68.68	49.87	6	(δ0 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
15530-5201	11	-1.18	1.16	0.31	3.94	3331	10	329.28	0.96	9	(β11 1.00)
15530-5231	22	0.48	3.73	4.21	1.75	3333	4	328.95	0.57	5	(γ0 1.00)
15532-4802	22	0.43	1.55	0.23	2.01	3331	87	331.86	3.98	3	(ε2 1.00)
15535-1809	12	0.80	0.43	-0.22	3.65	3331	90	352.76	26.18	3	(λ7 0.95)
15535-5328	23	0.85	1.98	2.81	4.73	3311	96	328.40	-0.21	3	(η1 1.00)
15539-6836	23	1.02	0.96	-0.27	3.32	3331	97	318.62	-11.80	3	(β10 1.00)
15541-3414	33	1.13	0.20	0.16	2.67	3331	0	341.09	14.36	3	(δ6 1.00)
15542-1553	23	0.96	0.01	0.26	3.67	3331	57	354.72	27.63	5	(δ1 1.00)
15544-5159	21	0.99	3.72	3.86	1.77	3333	5	329.48	0.84	3	(γ0 1.00)
15545-4349	12	-0.44	0.80	-0.23	1.23	3331	41	334.76	7.08	7	(β8 1.00)
15546-6117	13	1.05	0.69	0.27	3.91	3331	0	323.49	-6.29	3	(η1 1.00)
15548-5452	12	0.28	1.03	2.48	3.33	3311	95	327.66	-1.40	4	(β11 1.00)
15550-4340	13	0.31	1.00	-0.03	2.01	3331	93	334.92	7.13	4	(β9 1.00)
15555+2701	23	0.83	0.09	-0.45	2.12	3331	12	43.65	48.78	4	(δ2 0.86)
15556-5444	22	0.38	1.44	0.88	4.68	3331	16	327.83	-1.38	4	(λ6 1.00)
15560-5142	12	-0.38	1.74	2.02	2.72	3323	31	329.84	0.89	7	(ζ1 0.95)
15566+3609	11	-0.67	0.87	-0.43	0.13	3333	19	57.61	49.57	7	(β8 0.98)
15566-6642	13	0.83	0.09	-0.09	2.10	3331	8	320.08	-10.54	5	(δ2 1.00)
15567-5236	21	-2.10	3.41	3.97	1.24	3333	5	329.34	0.15	23	(γ0 1.00)
15568-4513	11	-1.87	0.62	-0.47	0.92	3331	98	334.15	5.74	21	(β1 1.00)
15569+1948	33	1.07	0.48	-0.04	1.54	3321	31	33.46	46.53	2	(α3 1.00)
15569-6135	11	-0.28	1.11	-0.04	2.33	3331	99	323.51	-6.70	5	(β0 1.00)
15570-5515	22	-0.79	1.32	0.05	3.82	3331	99	327.66	-1.90	9	(β0 1.00)
15571-4652	12	-0.06	0.54	0.95	3.40	3331	25	333.11	4.46	7	(δ0 1.00)
15571-6629	23	1.20	0.96	-0.08	1.53	3331	49	320.27	-10.41	2	(β5 1.00)
15574-4542	23	0.60	0.58	0.38	3.15	3321	0	333.91	5.31	3	(λ24 0.99)
15576-1212	21	-0.55	1.02	0.02	0.43	3333	99	358.44	29.52	8	(β1 1.00)
15576-5331	13	0.17	1.19	0.95	5.16	3321	99	328.84	-0.64	5	(λ20 1.00)
15576-5400	11	-2.77	0.94	0.07	3.13	3331	34	328.54	-1.01	41	(β11 1.00)
15583-7926	23	0.59	0.95	-0.06	1.21	3332	99	311.24	-20.01	3	(β9 1.00)
15584-5247	32	0.62	3.22	4.10	1.84	3333	44	329.42	-0.16	5	(γ0 1.00)
15586-4338	23	0.88	0.56	0.35	2.76	3331	41	335.44	6.73	4	(δ7 0.99)
15588-5031	23	1.47	1.37	1.75	3.47	3311	99	330.94	1.51	2	(θ0 1.00)
15589-2850	12	-1.07	0.92	0.13	0.05	3333	34	345.65	17.67	10	(β11 1.00)
15592-1809	33	0.97	0.72	-0.29	3.58	3331	12	353.80	25.20	3	(β13 1.00)
15592-5437	23	1.21	0.85	1.30	5.33	3331	98	328.30	-1.62	3	(λ27 0.99)
15596-5301	23	1.93	4.14	5.20	1.99	3333	11	329.40	-0.46	4	(γ0 1.00)
15598-5801	12	0.43	1.17	0.30	3.11	3331	99	326.14	-4.24	5	(β4 1.00)
16000-3332	23	0.93	0.80	-0.30	3.67	3331	99	342.51	14.06	3	(β4 1.00)
16001-4851	12	0.49	1.96	0.39	4.54	3331	99	332.20	2.64	3	(ζ4 1.00)
16005-4126	12	-0.07	1.83	0.19	0.89	3333	96	337.19	8.15	5	(ζ4 1.00)
16009-7522	12	0.22	1.24	-0.28	0.23	3331	99	314.32	-17.18	5	(β4 1.00)
16011+4722	11	-3.08	0.80	-0.09	0.28	3333	7	74.46	47.79	62	(β8 1.00)
16011-5424	11	-0.71	1.09	0.04	4.88	3331	99	328.66	-1.65	8	(β0 0.97)
16012-5612	13	1.01	0.23	1.11	5.33	3311	25	327.47	-3.00	4	(δ8 0.99)
16014-5329	33	1.46	0.82	3.52	4.22	3311	95	329.29	-0.99	3	(β7 1.00)
16016-3904	13	0.14	0.08	-0.16	2.49	3331	14	338.93	9.76	7	(δ1 1.00)
16018-3415	23	0.15	0.57	-0.10	1.38	3331	58	342.29	13.29	5	(λ25 1.00)
16029-3041	11	-1.75	2.25	0.61	-0.24	3333	29	344.99	15.72	18	(ζ0 1.00)
16030-2135	13	-0.12	0.51	0.02	1.15	3331	54	351.78	22.17	8	(λ25 1.00)
16030-5156	11	-1.28	1.12	-0.03	4.62	3331	88	330.50	0.01	14	(β0 1.00)
16030-5928	22	0.16	1.47	0.23	0.64	3331	99	325.48	-5.61	5	(β0 1.00)
16031-4856	11	-1.17	1.34	-0.03	4.01	3331	29	332.51	2.24	10	(ε1 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
16031-5255	23	0.33	0.84	2.61	4.07	3311	41	329.86	-0.74	5	(λ28 1.00)
16037+4218	23	0.91	1.01	-0.09	0.92	3331	80	66.88	48.00	2	(β5 0.95)
16038-2230	22	0.45	1.05	-0.19	3.10	3331	99	351.21	21.41	4	(λ21 1.00)
16038-5008	12	-0.28	1.45	1.10	3.71	3311	99	331.79	1.27	5	(ε1 1.00)
16041-4912	22	0.82	2.04	0.77	4.37	3331	87	332.46	1.93	3	(ζ1 1.00)
16041-5318	13	0.81	0.93	3.68	3.43	3311	29	329.71	-1.11	3	(λ21 1.00)
16043-0344	23	1.27	0.14	-0.17	2.23	3321	20	7.39	33.57	4	(δ2 1.00)
16043-5256	23	1.24	0.22	4.36	4.04	3311	8	329.98	-0.87	4	(δ6 1.00)
16047-5031	22	-0.35	1.24	0.34	4.56	3331	2	331.64	0.89	5	(β2 1.00)
16047-5449	12	-0.59	0.43	0.26	4.87	3331	96	328.77	-2.30	8	(α0 1.00)
16050-2611	13	0.19	0.07	0.17	3.12	3331	18	348.63	18.62	7	(δ1 1.00)
16052+4850	13	0.45	0.68	-0.36	0.96	3332	0	76.38	46.83	3	(λ24 1.00)
16052-2339	12	-0.62	0.80	-0.30	1.94	3331	6	350.56	20.38	7	(λ20 1.00)
16052-3858	23	0.49	1.32	1.87	2.72	3321	5	339.52	9.38	4	(λ21 0.98)
16052-4525	12	0.19	1.43	0.26	1.58	3331	99	335.14	4.61	5	(β0 1.00)
16055-4621	22	-0.64	1.72	0.27	0.96	3331	99	334.55	3.89	7	(ζ4 1.00)
16057-4312	13	0.39	0.86	-0.02	2.55	3331	90	336.70	6.19	3	(β1 0.90)
16057-6533	23	1.24	0.90	0.54	1.95	3333	24	321.56	-10.30	3	(β13 1.00)
16060-0124	12	0.10	0.56	0.08	1.00	3333	40	9.96	34.61	6	(λ25 1.00)
16061-4555	22	-0.39	1.26	0.12	1.78	3331	99	334.92	4.15	6	(ε1 1.00)
16061-5037	23	0.54	1.68	0.96	4.51	3311	99	331.74	0.67	3	(ε1 1.00)
16063-3227	23	0.70	1.16	0.26	1.80	3331	99	344.26	13.96	3	(ε2 0.99)
16063-4906	23	-0.75	0.36	1.74	3.89	3311	9	332.79	1.77	12	(δ1 1.00)
16064-4200	11	-0.17	1.60	0.48	0.62	3331	99	337.62	6.98	8	(ε1 1.00)
16066-4427	11	-0.58	0.79	-0.03	1.85	3331	7	335.98	5.15	7	(λ34 1.00)
16070-4727	22	0.09	1.88	0.65	2.17	3331	99	333.99	2.89	5	(ζ0 1.00)
16074-3639	12	-0.62	1.48	0.27	-0.08	3331	0	341.46	10.77	7	(β11 1.00)
16076-4645	23	0.92	1.02	0.08	3.90	3311	99	334.54	3.36	2	(λ6 1.00)
16077-5830	11	-0.35	1.53	-0.35	2.11	3331	98	326.58	-5.30	5	(ε1 1.00)
16078-5315	13	0.19	0.80	2.86	3.84	3311	89	330.16	-1.45	4	(λ21 0.99)
16079-4812	11	-1.82	1.20	0.35	3.11	3331	57	333.59	2.26	19	(λ20 1.00)
16081+2511	11	-1.96	0.70	-0.21	0.10	3333	63	41.98	45.61	20	(λ34 1.00)
16085-8155	22	0.10	0.69	-0.11	2.01	3331	13	309.66	-22.04	5	(λ30 0.96)
16090-5939	12	0.41	0.83	0.32	2.82	3331	99	325.92	-6.26	5	(β8 1.00)
16091-1655	13	0.04	1.12	-0.13	2.14	3331	99	356.57	24.30	4	(β0 0.99)
16093-4808	13	-0.07	1.31	0.48	4.93	3331	99	333.80	2.14	5	(η0 1.00)
16093-5332	23	0.45	0.47	3.01	3.45	3311	0	330.13	-1.82	5	(δ6 1.00)
16095+2337	22	-0.50	0.08	-0.11	0.45	3331	14	39.93	44.90	11	(δ0 1.00)
16099-4438	23	0.57	1.02	0.24	2.32	3331	0	336.28	4.62	3	(η1 1.00)
16102-7354	23	0.47	0.33	0.07	1.00	3331	99	315.85	-16.56	4	(λ7 1.00)
16103+2501	23	0.53	0.76	-0.21	0.90	3331	42	41.92	45.07	4	(λ24 0.98)
16103-3212	13	0.25	0.80	-0.06	1.22	3331	48	345.05	13.54	4	(λ27 1.00)
16103-4929	23	0.28	0.87	2.36	3.61	3311	20	333.01	1.04	4	(β9 1.00)
16105-4205	11	-3.33	1.86	0.96	-0.07	3333	99	338.12	6.40	79	(ζ0 1.00)
16108-6333	23	0.82	-0.09	0.26	2.33	3331	4	323.36	-9.23	6	(δ4 1.00)
16109-4651	21	-0.05	1.20	0.19	4.54	3331	99	334.88	2.89	6	(ε1 1.00)
16110-3522	23	1.15	0.96	-0.00	2.00	3331	99	342.90	11.19	2	(β5 1.00)
16114-3215	23	0.79	0.42	-0.10	3.95	3331	72	345.20	13.33	3	(λ18 0.99)
16114-5155	22	-0.48	1.12	0.17	5.68	3321	0	331.47	-0.86	6	(β4 1.00)
16117-0334	11	-1.81	0.06	-0.12	-0.19	3333	32	8.84	32.20	40	(δ0 1.00)
16118-4439	22	-0.05	0.75	-0.16	2.98	3331	98	336.51	4.38	5	(λ30 1.00)
16119-3811	12	0.01	1.44	-0.16	1.35	3331	99	341.04	9.05	4	(ε1 1.00)
16120-5340	33	0.83	0.92	3.70	2.87	3311	99	330.32	-2.19	4	(β4 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
16123-4251	33	1.41	0.97	1.24	3.59	3331	7	337.83	5.62	3	(α3 1.00)
16123-4654	12	-0.13	0.94	0.13	4.68	3331	99	335.02	2.69	8	(λ30 1.00)
16124-4748	23	0.61	1.20	0.21	4.06	3311	79	334.41	2.03	3	(β3 0.99)
16124-6841	12	0.34	0.66	-0.15	1.03	3331	99	319.82	-13.00	4	(β9 1.00)
16127-5341	22	0.05	0.09	3.39	3.23	3311	23	330.40	-2.27	9	(δ0 0.98)
16127-7834	11	-1.34	0.12	0.09	0.58	3333	14	312.42	-19.89	28	(δ0 1.00)
16128-5109	22	-1.65	3.86	3.79	1.47	3333	8	332.15	-0.44	47	(γ0 1.00)
16131-0216	13	0.57	0.84	-0.02	0.67	3331	25	10.35	32.65	3	(λ27 1.00)
16131-5918	23	0.94	1.07	-0.18	3.58	3331	19	326.53	-6.36	3	(β3 1.00)
16133-5151	11	-1.24	3.03	1.65	0.13	3333	21	331.73	-1.01	9	(γ0 1.00)
16146-4619	23	-0.16	0.26	0.40	3.72	3322	5	335.72	2.83	9	(λ25 1.00)
16146-5257	12	-0.44	1.32	-0.18	5.56	3331	90	331.11	-1.94	6	(ε1 1.00)
16151-4810	12	-0.41	1.22	-0.06	3.72	3321	99	334.49	1.45	6	(β0 1.00)
16152-8008	23	1.11	0.77	-0.12	1.37	3331	32	311.27	-21.03	3	(λ11 1.00)
16156-2837	13	-0.31	0.91	-0.32	3.74	3331	99	348.53	15.23	5	(β2 1.00)
16156-5613	11	-0.47	1.57	0.01	0.52	3331	99	328.93	-4.38	9	(β2 1.00)
16157-5917	12	0.41	1.05	-0.15	1.76	3331	44	326.79	-6.58	3	(λ21 1.00)
16159-4906	33	2.07	3.23	2.45	3.18	3321	0	333.93	0.69	2	(γ1 1.00)
16161-4330	12	-1.17	0.83	-0.28	1.51	3331	99	337.88	4.67	9	(β1 1.00)
16163-4824	23	0.81	1.03	2.87	3.58	3311	99	334.47	1.14	3	(β2 1.00)
16164+5952	12	-0.58	0.14	-0.06	0.15	3332	25	90.74	42.32	12	(δ0 1.00)
16164-4929	12	0.23	3.81	3.94	1.65	3332	41	333.73	0.37	8	(γ0 1.00)
16171-4759	11	-0.69	0.79	0.22	3.43	3321	77	334.85	1.35	8	(α0 0.93)
16173-3202	23	0.87	1.23	-0.03	3.16	3331	45	346.27	12.60	3	(β4 0.99)
16174-5834	23	0.78	0.49	0.05	2.66	3331	99	327.45	-6.23	3	(β7 1.00)
16175-5941	33	1.35	0.28	0.57	2.73	3311	21	326.67	-7.02	2	(α3 1.00)
16175-6120	11	-0.06	0.56	-0.10	1.34	3332	12	325.50	-8.19	5	(λ30 1.00)
16183-4958	21	-4.89	2.63	1.58	3.23	3312	84	333.60	-0.21	340	(γ0 1.00)
16185-5213	12	-0.38	0.59	2.23	3.77	3311	92	332.05	-1.83	7	(λ34 1.00)
16190-5146	23	0.56	1.13	2.82	3.76	3311	99	332.42	-1.56	3	(β2 1.00)
16192-4900	11	-0.68	1.68	2.98	2.17	3111	99	334.40	0.38	10	(λ20 1.00)
16196-5647	23	1.16	1.25	0.04	4.06	3331	99	328.93	-5.18	3	(β4 1.00)
16197-5139	33	1.26	1.09	3.59	3.49	3311	94	332.57	-1.55	2	(α3 1.00)
16198-4622	23	0.93	1.33	0.93	3.56	3311	99	336.31	2.18	2	(ε2 1.00)
16198-4654	22	-0.28	0.77	0.45	3.63	3311	99	335.94	1.80	6	(β1 1.00)
16200-6247	23	1.17	1.13	0.08	2.85	3331	22	324.64	-9.42	2	(ε2 1.00)
16200-7122	13	0.91	0.90	-0.02	0.74	3332	56	318.29	-15.34	3	(λ27 1.00)
16200-7558	12	0.62	0.60	0.16	0.99	3331	0	314.73	-18.44	4	(λ28 1.00)
16204+3354	13	0.31	0.03	-0.18	1.38	3331	26	54.81	44.55	6	(δ1 1.00)
16204-4717	22	0.63	1.75	0.62	3.59	3311	61	335.75	1.46	3	(ζ1 1.00)
16205-1545	23	1.07	0.59	-0.26	4.26	3321	27	359.49	22.99	3	(λ1 1.00)
16205-4830	13	-0.41	0.86	2.14	4.05	3311	28	334.89	0.57	5	(β11 1.00)
16206-5138	12	-0.62	1.07	0.08	5.24	3331	8	332.69	-1.64	7	(β11 1.00)
16208-2215	11	-0.30	0.45	0.30	1.48	3331	69	354.26	18.69	8	(λ25 1.00)
16210-4957	33	1.03	1.34	2.16	5.01	3321	99	333.93	-0.49	6	(δ4 1.00)
16211+3057	23	0.13	0.96	0.07	0.32	3333	17	50.76	43.99	5	(β8 1.00)
16213-4944	33	1.36	1.67	3.08	4.08	3311	93	334.11	-0.38	3	(ζ2 1.00)
16215-5148	23	1.30	0.64	2.96	4.24	3311	5	332.66	-1.86	3	(λ27 0.99)
16218-4701	11	-0.74	1.30	-0.23	3.37	3321	99	336.11	1.48	7	(β0 1.00)
16219-4804	33	0.80	1.14	3.35	3.58	3311	33	335.36	0.73	2	(θ0 1.00)
16219-4823	32	0.78	2.33	1.27	4.48	3331	99	335.14	0.49	3	(ζ3 1.00)
16219-5048	11	-1.97	1.43	0.10	1.97	3333	97	333.41	-1.20	22	(β0 1.00)
16221-4834	12	0.22	1.84	1.25	4.41	3311	99	335.03	0.35	3	(ζ2 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
16222-4738	11	-1.50	1.57	0.00	4.28	3331	99	335.71	0.99	13	(ε1 1.00)
16222-5144	12	0.80	1.40	0.46	5.75	3321	99	332.79	-1.89	3	(β2 0.99)
16225-4844	13	-0.39	0.64	2.09	3.82	3311	29	334.95	0.19	5	(α4 1.00)
16226-4612	22	0.52	0.88	0.97	3.66	3311	99	336.78	1.96	4	(α4 0.95)
16229-4947	11	0.18	1.80	1.63	3.76	3311	97	334.25	-0.60	6	(ζ4 1.00)
16230-5109	23	1.31	1.34	2.65	4.17	3311	99	333.29	-1.56	3	(β7 1.00)
16231-4436	23	0.96	1.05	0.09	3.95	3311	98	337.98	3.02	3	(β7 1.00)
16231-4656	23	1.10	2.02	2.61	1.89	3311	89	336.31	1.38	2	(ζ3 1.00)
16232+6137	12	0.14	0.02	-0.25	1.29	3331	5	92.58	40.95	7	(δ0 1.00)
16235+1900	11	-3.12	0.45	-0.17	-0.01	3333	99	35.34	40.35	49	(λ34 1.00)
16235-4832	23	0.25	1.30	1.99	3.78	3331	81	335.21	0.21	2	(ε0 1.00)
16239-1218	12	-0.03	0.21	0.33	0.91	3331	0	2.97	24.51	6	(α5 1.00)
16240-4947	22	0.28	1.25	2.47	4.08	3311	99	334.39	-0.72	5	(ε1 1.00)
16241-0230	22	0.83	1.01	-0.44	2.61	3331	34	11.94	30.25	3	(β2 0.60)
16241-3111	22	-0.15	0.60	-0.22	1.39	3331	74	347.91	12.14	6	(λ30 1.00)
16245-3500	13	0.47	0.18	-0.00	4.11	3331	4	345.14	9.47	5	(δ1 1.00)
16245-4333	23	0.76	0.29	0.76	3.64	3311	17	338.92	3.56	4	(δ8 1.00)
16247-5132	22	0.68	1.24	2.64	3.30	3311	88	333.21	-2.03	3	(ε2 1.00)
16249-3915	23	0.96	0.65	-0.46	3.44	3321	6	342.07	6.48	3	(λ18 1.00)
16249-5725	12	0.32	0.19	-0.33	4.73	3331	4	328.98	-6.12	6	(λ25 1.00)
16250-0729	12	-0.15	0.05	-0.03	1.35	3331	0	7.43	27.22	9	(δ0 1.00)
16250-5229	13	0.66	0.85	0.60	3.31	3332	99	332.55	-2.71	3	(β9 1.00)
16251-4929	21	1.08	3.76	3.92	1.45	3333	7	334.72	-0.65	3	(γ0 1.00)
16254-4950	12	-0.41	1.10	2.71	2.68	3311	41	334.51	-0.91	8	(β0 1.00)
16258-4642	13	0.70	0.56	3.87	1.67	3311	72	336.80	1.21	3	(λ20 1.00)
16260+3454	11	-0.86	1.32	0.17	-0.00	3333	99	56.37	43.53	8	(β0 1.00)
16261-4115	22	0.69	1.22	-0.13	3.22	3331	98	340.77	4.94	3	(η0 1.00)
16262-5106	23	1.13	1.14	3.30	3.50	3311	99	333.68	-1.89	3	(β10 1.00)
16263-5533	11	-0.78	1.96	0.66	-0.41	3333	70	330.47	-4.98	10	(ζ0 1.00)
16264-5309	22	0.78	1.07	1.67	3.47	3311	83	332.21	-3.34	3	(β0 0.97)
16265-1914	12	-0.02	0.60	0.12	3.18	3331	81	357.59	19.67	6	(λ30 1.00)
16265-5100	22	-0.02	1.72	0.54	2.71	3332	99	333.78	-1.86	4	(ζ4 1.00)
16268-4556	33	1.60	3.76	1.84	2.98	3331	26	337.47	1.62	3	(γ1 1.00)
16269+4159	11	-2.97	0.39	-0.12	-0.27	3333	50	66.16	43.72	81	(λ25 1.00)
16269-5953	12	0.63	0.83	-0.10	3.83	3331	96	327.36	-8.01	3	(β9 0.99)
16270-5213	11	-0.12	1.07	-0.49	5.29	3331	97	332.96	-2.75	5	(β0 1.00)
16271-5003	22	1.05	0.37	1.90	6.13	3321	30	334.54	-1.27	3	(η1 1.00)
16273-4929	23	1.09	1.49	2.09	3.13	3313	99	334.96	-0.91	3	(ε2 1.00)
16275-2638	12	0.35	1.92	-0.02	3.18	3331	99	351.89	14.65	4	(ζ4 1.00)
16276-8605	23	1.48	0.70	-0.00	1.70	3331	19	306.52	-25.10	2	(λ31 1.00)
16279-4709	11	-0.81	1.36	1.30	3.47	3311	87	336.73	0.64	7	(λ20 1.00)
16279-5342	12	-0.44	1.50	0.11	2.96	3331	99	331.98	-3.88	5	(ζ4 1.00)
16280+2135	13	0.15	-0.01	-0.17	1.26	3331	0	39.01	40.21	7	(δ1 1.00)
16280-4008	32	1.53	3.76	2.78	0.21	3333	81	341.85	5.43	5	(γ1 1.00)
16280-4154	11	-0.52	1.48	0.06	1.81	3331	42	340.55	4.23	6	(ε1 1.00)
16283-3447	13	0.67	0.88	-0.05	3.60	3331	21	345.83	9.04	3	(β1 1.00)
16290-3741	32	0.75	0.99	-0.33	3.15	3331	20	343.78	6.97	3	(β2 1.00)
16290-4503	12	-0.51	0.30	0.02	3.87	3321	98	338.38	1.94	9	(α5 1.00)
16292-5004	12	-1.37	1.31	-0.11	3.07	3331	64	334.75	-1.52	11	(β0 1.00)
16293-3939	13	0.63	0.48	-0.36	5.32	3321	99	342.37	5.59	4	(λ7 1.00)
16296-4417	11	-0.16	1.12	0.44	2.80	3331	87	339.02	2.38	5	(λ20 1.00)
16296-5022	33	1.45	1.33	3.25	3.85	3311	99	334.58	-1.77	3	(ε0 1.00)
16298-4228	22	1.11	1.03	1.12	4.42	3321	99	340.37	3.60	3	(ε2 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
16298-5156	22	0.97	1.25	0.18	4.84	3331	98	333.46	-2.87	2	(ε2 1.00)
16298-5349	12	0.06	1.01	0.32	1.81	3332	58	332.08	-4.16	5	(λ30 1.00)
16302+1135	12	0.69	0.04	0.31	1.25	3331	5	27.46	35.98	6	(δ1 1.00)
16304-3831	22	0.18	0.86	-0.06	2.58	3331	19	343.36	6.20	5	(λ34 1.00)
16306+7223	11	-1.43	0.64	-0.14	0.32	3333	23	105.01	36.24	16	(λ30 1.00)
16308-1601	12	-0.32	0.65	0.10	2.35	3331	99	0.94	20.90	9	(λ30 1.00)
16310-4534	22	0.40	1.18	0.63	3.48	3311	97	338.24	1.34	3	(β11 1.00)
16310-5345	22	0.48	1.22	0.31	4.01	3311	99	332.25	-4.23	3	(β11 1.00)
16313-4515	33	0.87	1.04	1.30	3.50	3311	99	338.51	1.50	2	(θ0 1.00)
16313-4840	22	0.19	3.67	3.85	1.94	3333	48	336.02	-0.82	6	(γ0 1.00)
16314-5018	12	0.02	1.25	-0.50	6.45	3331	92	334.83	-1.93	3	(β0 1.00)
16314-5111	22	0.48	1.25	-0.03	5.19	3331	99	334.18	-2.54	3	(λ21 1.00)
16314-5611	12	0.25	1.93	0.19	2.32	3331	99	330.49	-5.94	4	(ζ4 1.00)
16316-5026	11	-0.99	0.71	0.45	2.51	3331	99	334.76	-2.06	10	(λ30 1.00)
16319-4923	23	0.96	0.71	3.93	1.53	3312	96	335.54	-1.38	3	(β9 1.00)
16320-4419	22	0.58	1.72	0.17	3.36	3331	99	339.28	2.05	3	(ζ4 1.00)
16323-5518	12	0.14	0.85	-0.09	3.67	3331	97	331.23	-5.43	5	(λ34 1.00)
16325+6651	12	0.41	0.58	-0.14	0.90	3331	96	98.53	38.24	5	(λ25 1.00)
16326-4056	23	1.00	0.95	0.56	5.09	3321	99	341.84	4.26	3	(β9 1.00)
16327-4848	11	-1.62	2.13	0.56	3.38	3331	99	336.07	-1.08	15	(ζ0 1.00)
16328-4656	11	-0.97	0.72	0.86	4.78	3331	78	337.45	0.17	8	(λ34 1.00)
16330-3509	12	-0.19	0.04	0.03	2.32	3331	10	346.22	8.09	9	(δ0 1.00)
16331-4637	33	1.37	2.37	3.34	3.64	1311	98	337.72	0.35	4	(ζ2 1.00)
16333-4654	12	-0.49	1.79	0.98	3.65	3321	81	337.54	0.13	9	(ζ2 0.99)
16334+3726	13	1.00	0.46	-0.17	1.63	3331	45	60.02	42.29	3	(λ11 1.00)
16334-3107	11	-0.66	0.63	0.16	1.21	3332	23	349.31	10.71	10	(λ30 1.00)
16335-4707	21	-2.12	1.54	0.11	3.56	3311	54	337.40	-0.04	22	(ε1 1.00)
16337-4525	11	-1.26	1.37	-0.08	4.99	3331	99	338.68	1.09	9	(ε1 1.00)
16339-0317	23	0.72	0.12	-0.05	1.92	3331	99	12.73	27.80	3	(α6 1.00)
16339-2712	23	0.87	0.87	-0.18	2.56	3331	99	352.41	13.20	3	(β10 1.00)
16340-4634	11	-3.23	1.24	0.42	3.09	3311	52	337.86	0.27	59	(β0 1.00)
16341-4251	23	1.16	0.64	2.89	3.74	3311	16	340.63	2.77	5	(δ8 1.00)
16342+6034	12	0.18	0.64	-0.40	0.86	3331	19	90.74	40.00	6	(λ25 1.00)
16342-3814	21	0.61	4.29	2.29	0.31	3333	6	344.07	5.85	4	(γ1 1.00)
16342-4812	32	1.13	0.67	4.25	2.14	3312	42	336.68	-0.86	5	(η0 1.00)
16348-3522	23	1.25	0.52	0.76	4.33	3331	35	346.30	7.68	3	(λ7 1.00)
16349-4031	12	0.41	1.31	0.15	4.37	3331	99	342.45	4.22	4	(β0 1.00)
16350-2828	23	1.12	0.50	0.40	4.03	3331	77	351.60	12.19	3	(δ7 1.00)
16350-4754	21	-1.57	1.50	0.38	4.36	3311	14	337.00	-0.75	12	(ε2 1.00)
16351-5245	23	0.57	0.49	-0.01	5.39	3321	50	333.41	-4.02	3	(λ24 1.00)
16351-5448	22	-0.03	0.99	-0.52	3.63	3331	35	331.88	-5.39	4	(β11 1.00)
16354+2232	13	0.60	0.13	-0.10	1.49	3331	0	40.87	38.87	5	(δ1 1.00)
16359-4555	33	0.36	0.47	3.64	3.79	3311	60	338.57	0.46	6	(α1 1.00)
16359-4751	33	1.02	1.20	3.47	4.23	3311	98	337.13	-0.84	3	(β4 1.00)
16362-2145	12	0.02	0.73	0.20	1.69	3331	18	357.08	16.29	5	(λ20 1.00)
16362-4845	31	-2.17	4.45	3.41	1.57	3313	17	336.49	-1.48	59	(γ0 1.00)
16365+1409	22	0.15	0.43	-0.11	0.56	3332	44	31.13	35.65	5	(λ25 1.00)
16365-4717	22	-0.25	1.16	2.05	4.68	1311	15	337.63	-0.52	4	(ε2 1.00)
16365-4812	23	0.51	0.37	5.58	1.94	3311	26	336.93	-1.14	3	(α6 1.00)
16367-2046	12	-0.48	0.72	0.30	0.51	3331	5	357.94	16.84	7	(λ30 1.00)
16367-4701	21	-1.29	2.91	3.22	1.63	3333	7	337.84	-0.37	11	(ζ0 1.00)
16368-2400	33	1.12	0.58	0.94	3.36	3311	17	355.36	14.78	2	(λ16 1.00)
16368-5604	23	0.89	0.90	-0.14	4.09	3331	98	331.09	-6.42	3	(β2 0.87)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
16371-7925	23	0.91	0.98	-0.38	1.75	3331	33	312.52	-21.33	3	(β3 1.00)
16372-2347	23	0.52	1.59	1.01	1.86	3331	11	355.60	14.83	4	(β2 1.00)
16372-5512	13	0.52	0.22	-0.08	2.82	3331	12	331.78	-5.88	5	(δ1 1.00)
16373+4901	22	-0.06	0.03	-0.30	1.13	3331	0	75.61	41.58	9	(δ1 1.00)
16374-3217	12	-0.43	0.29	0.53	1.27	3331	58	349.00	9.31	11	(δ0 1.00)
16375-6109	22	1.14	1.46	0.09	3.25	3331	99	327.28	-9.83	3	(β2 1.00)
16376-4002	23	0.82	1.17	1.34	3.54	3311	94	343.17	4.16	3	(β6 1.00)
16376-5040	12	0.65	0.84	0.32	5.38	3331	83	335.21	-2.92	3	(λ34 1.00)
16379-3401	22	0.39	0.66	-0.12	2.33	3331	99	347.74	8.08	4	(λ30 0.89)
16379-4157	23	1.05	0.18	3.24	3.81	3311	9	341.75	2.84	3	(δ5 0.99)
16383-1952	12	-0.43	0.81	0.09	2.36	3331	32	358.93	17.11	7	(λ30 0.57)
16383-4122	23	0.84	0.75	0.70	3.66	3311	97	342.25	3.18	3	(β4 1.00)
16383-4401	13	-0.22	1.09	2.49	3.09	3311	99	340.26	1.42	7	(λ20 0.94)
16384-4704	22	0.44	1.58	1.53	2.42	3322	37	338.00	-0.62	3	(ζ4 1.00)
16387-2700	11	-0.56	0.63	-0.13	2.73	3331	17	353.27	12.52	9	(λ30 1.00)
16388-3952	22	0.44	0.72	0.09	3.35	3311	19	343.44	4.09	4	(λ24 1.00)
16389-4932	22	0.31	1.22	2.03	3.56	3311	99	336.21	-2.33	4	(β2 1.00)
16390-4354	22	-0.17	0.80	2.68	3.43	3311	94	340.43	1.40	5	(β8 1.00)
16393+3141	23	0.82	0.01	-0.05	1.79	3321	0	52.66	40.29	6	(δ2 1.00)
16396-4429	11	0.29	4.00	3.64	1.57	3333	71	340.07	0.93	8	(γ0 1.00)
16398-4834	23	0.91	1.72	1.05	4.90	3311	66	337.03	-1.80	4	(λ1 1.00)
16399-3548	22	-0.18	1.64	0.06	2.75	3331	99	346.67	6.61	5	(ζ4 1.00)
16400+3301	33	0.92	0.84	-0.02	1.02	3331	14	54.40	40.37	3	(λ18 1.00)
16405-4100	33	0.37	1.00	1.80	3.62	3311	99	342.81	3.11	3	(ε1 0.87)
16406-1406	12	0.11	0.85	0.97	0.86	3333	74	4.10	20.20	4	(λ20 1.00)
16406-3437	12	0.42	0.98	0.00	2.36	3331	99	347.65	7.27	4	(β8 0.99)
16407-5639	11	-0.59	1.31	-0.24	2.13	3331	99	331.00	-7.20	6	(β0 1.00)
16409-5128	12	0.18	1.30	0.13	3.79	3331	45	334.95	-3.83	4	(β0 1.00)
16410-5240	12	0.09	1.09	-0.03	3.62	3331	99	334.06	-4.63	5	(β0 1.00)
16411+3900	23	0.87	-0.00	-0.09	1.88	3331	13	62.28	40.90	5	(δ2 1.00)
16414-4941	22	-0.14	1.66	0.33	4.32	3331	99	336.36	-2.73	4	(ε1 1.00)
16418+5459	11	-1.66	0.93	-0.06	0.03	3333	0	83.34	40.18	17	(β8 1.00)
16418-1359	33	1.34	0.07	0.11	4.64	3311	31	4.40	20.03	3	(δ5 0.70)
16419-4758	23	0.75	1.57	1.00	5.33	3321	99	337.71	-1.66	3	(λ6 1.00)
16425-0259	13	-0.37	0.05	-0.04	0.55	3331	43	14.34	26.14	11	(δ0 1.00)
16425-1902	13	0.91	0.02	0.41	3.91	3331	32	0.25	16.84	4	(δ5 1.00)
16432+1213	12	-0.25	0.48	-0.16	0.35	3331	96	29.80	33.37	7	(λ25 1.00)
16432-0355	33	1.31	0.47	0.30	1.67	3331	18	13.58	25.49	3	(δ4 1.00)
16432-4727	21	0.15	1.50	1.07	4.31	3311	15	338.24	-1.49	5	(ζ4 1.00)
16433-6856	11	-1.77	-0.00	-0.11	0.76	3331	28	321.54	-15.26	38	(δ0 1.00)
16434+0840	23	0.93	-0.01	-0.12	1.98	3331	9	26.03	31.77	5	(δ2 1.00)
16434-4545	22	-2.76	1.63	0.97	2.02	2231	15	339.56	-0.40	45	(ζ0 1.00)
16434-4714	22	0.22	1.05	2.38	3.61	3311	96	338.42	-1.38	3	(β11 0.96)
16434-5850	12	-0.10	0.92	-0.23	1.45	3331	20	329.56	-8.89	5	(β8 1.00)
16436-1630	23	1.11	0.22	0.04	2.94	3331	23	2.54	18.18	3	(δ5 1.00)
16437-3140	23	1.03	2.17	0.56	2.20	3331	99	350.35	8.68	3	(ζ0 1.00)
16438-1133	11	-1.73	0.62	-0.14	0.08	3333	23	6.80	21.06	20	(λ34 1.00)
16442-3123	22	0.17	0.91	-0.17	3.26	3331	69	350.65	8.79	4	(β1 0.99)
16446-4243	11	-0.66	1.60	0.27	4.29	3331	99	341.99	1.40	6	(ε1 1.00)
16446-5116	12	-0.27	1.21	-0.02	3.57	3331	24	335.49	-4.15	6	(β11 1.00)
16447-4142	23	0.47	0.81	1.16	3.67	3311	99	342.78	2.05	4	(β2 0.99)
16450-4251	12	-0.49	1.27	1.31	4.06	3311	51	341.94	1.26	6	(β11 1.00)
16451-4312	11	-0.35	1.19	0.01	3.69	3321	29	341.70	1.02	6	(ε1 0.99)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
16454-5857	12	-0.66	-0.06	-0.16	1.34	3331	12	329.64	-9.16	14	(δ0 1.00)
16455-4349	13	0.00	1.13	1.19	3.55	3321	6	341.27	0.56	5	(η1 1.00)
16455-5235	23	1.20	0.79	1.07	2.13	3331	7	334.57	-5.10	3	(ε0 1.00)
16457+4219	12	-0.04	0.16	-0.12	0.85	3331	36	66.70	40.25	8	(δ0 1.00)
16458-3828	13	0.52	1.07	0.45	4.38	3331	99	345.39	3.97	4	(β9 0.98)
16460-4022	11	-2.72	1.98	0.74	-0.44	3333	85	343.97	2.72	54	(ζ0 1.00)
16461-1922	23	0.93	0.42	-0.12	4.45	3331	94	0.51	15.97	3	(λ7 1.00)
16464-5509	22	0.58	1.41	-0.10	2.87	3331	96	332.68	-6.84	4	(β1 0.97)
16465-2145	33	0.99	0.14	0.36	3.88	3331	16	358.63	14.43	4	(δ2 1.00)
16466-6903	12	-0.21	0.87	-0.48	0.65	3331	99	321.63	-15.57	5	(β1 1.00)
16467-4255	23	0.24	1.75	0.20	3.82	3311	61	342.09	0.98	4	(ζ4 1.00)
16467-6217	23	1.29	0.55	0.14	2.28	3331	14	327.10	-11.39	2	(η1 1.00)
16469-3211	13	0.17	0.81	-0.09	1.93	3331	99	350.38	7.83	4	(β10 1.00)
16469-3412	12	-0.67	0.09	-0.25	2.13	3331	1	348.81	6.56	15	(δ0 1.00)
16469-4753	21	-0.09	1.97	0.49	4.54	3331	99	338.31	-2.24	6	(ζ4 1.00)
16470-4204	23	0.85	1.44	0.91	3.57	3311	99	342.78	1.49	3	(α6 1.00)
16471-4927	23	0.98	0.64	0.99	4.91	3311	5	337.14	-3.27	3	(α1 1.00)
16473+5753	11	-0.87	0.50	-0.14	0.15	3333	7	86.89	38.95	11	(λ25 1.00)
16473-2528	22	0.17	1.22	0.12	2.03	3331	99	355.74	11.99	5	(β1 1.00)
16478-4322	11	-1.37	0.64	1.37	3.82	3311	8	341.88	0.53	15	(α0 1.00)
16482-2039	23	0.83	1.12	0.07	2.07	3333	99	359.78	14.80	3	(β3 1.00)
16482-2932	22	0.81	1.17	0.12	1.75	3331	99	352.63	9.30	4	(β2 1.00)
16486+2953	23	1.19	-0.08	0.08	2.11	3311	18	50.91	37.96	3	(δ6 1.00)
16486-3014	12	-0.37	1.24	-0.15	2.70	3331	71	352.14	8.78	6	(β0 1.00)
16487+1025	33	1.08	0.68	1.83	1.24	3333	22	28.56	31.39	2	(λ10 1.00)
16490-4618	11	-1.37	1.33	0.57	4.32	3331	15	339.76	-1.51	12	(β11 1.00)
16492-6454	23	1.05	0.50	-0.18	3.62	3331	6	325.17	-13.23	4	(λ18 1.00)
16493-3016	23	1.07	0.46	0.05	4.50	3321	9	352.22	8.65	3	(λ6 1.00)
16494-1252	11	-1.18	0.85	-0.09	0.53	3333	31	6.50	19.20	10	(λ34 1.00)
16494-3732	22	0.64	1.23	0.05	2.76	3331	58	346.56	4.04	3	(ε2 1.00)
16496+1501	22	-0.21	0.37	-0.06	0.14	3332	24	33.61	33.10	8	(δ0 1.00)
16497-5749	33	1.23	0.08	0.26	3.01	3321	3	330.88	-8.89	3	(δ3 0.54)
16498-4143	11	-0.37	2.02	0.78	2.13	3331	8	343.38	1.31	6	(ζ0 1.00)
16499-3956	22	0.61	0.85	2.09	3.65	3311	7	344.77	2.43	3	(β9 1.00)
16502-4051	22	0.35	1.35	0.88	2.98	3331	98	344.10	1.79	4	(β2 1.00)
16502-4950	23	0.67	0.19	0.15	5.22	3311	61	337.16	-3.91	4	(δ1 1.00)
16503+0529	22	0.36	0.87	-0.05	0.37	3332	69	23.69	28.78	4	(λ12 1.00)
16507-4644	23	0.94	1.35	2.25	3.99	3311	99	339.62	-2.00	3	(β4 1.00)
16510-4216	23	-0.07	-0.13	2.07	3.86	3311	0	343.10	0.79	9	(δ2 1.00)
16514-5150	12	-0.40	0.84	-0.02	2.17	3331	99	335.73	-5.32	6	(λ34 1.00)
16518-0728	23	1.02	0.87	0.21	3.47	3331	13	11.60	21.77	3	(λ6 1.00)
16518-4700	23	0.69	0.62	1.89	4.36	3311	99	339.53	-2.33	3	(η1 1.00)
16519-4735	23	0.40	0.92	0.59	3.06	3322	99	339.08	-2.71	3	(β9 1.00)
16521-2153	12	-0.99	0.84	-0.14	-0.12	3331	6	359.33	13.33	11	(λ34 1.00)
16522-4616	33	1.39	0.40	3.23	4.72	3311	9	340.14	-1.90	3	(α2 1.00)
16524+4901	13	0.57	0.80	-0.09	0.77	3331	27	75.43	39.12	3	(λ27 0.99)
16524-4659	33	1.07	0.55	3.15	3.67	3311	44	339.61	-2.39	3	(λ31 1.00)
16528-4059	12	-0.09	1.61	0.62	3.14	3331	99	344.31	1.34	7	(η0 1.00)
16534-3030	11	-2.06	0.49	-0.04	0.59	3333	95	352.59	7.82	30	(λ30 1.00)
16538-4135	12	-0.36	1.54	-0.09	3.73	3311	99	343.97	0.81	7	(ε1 1.00)
16538-4633	22	-0.61	0.82	1.57	1.78	3332	99	340.10	-2.30	10	(α0 1.00)
16538-4652	12	0.57	0.69	1.16	3.34	3331	30	339.85	-2.50	3	(λ20 1.00)
16540-1019	23	0.69	0.49	0.19	3.11	3331	78	9.39	19.73	4	(λ7 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
16541-4901	11	-0.10	2.09	0.49	2.36	3331	94	338.19	-3.89	5	(ζ0 1.00)
16541-5335	12	-0.31	1.47	0.18	0.28	3332	99	334.61	-6.73	7	(β0 1.00)
16544-3902	23	0.88	0.13	2.23	3.93	3311	13	346.02	2.34	4	(λ7 1.00)
16544-5554	12	-1.16	-0.02	0.57	1.46	3331	0	332.80	-8.20	20	(δ0 1.00)
16545-4214	11	-2.77	0.73	0.41	3.16	3331	99	343.53	0.30	44	(α0 1.00)
16545-4810	12	0.35	1.84	0.35	3.63	3331	99	338.91	-3.41	5	(ζ4 1.00)
16546-4057	11	-1.65	1.29	0.50	3.55	1331	92	344.55	1.09	12	(ζ4 1.00)
16546-5845	13	0.27	1.05	-0.31	2.91	3331	1	330.55	-9.96	4	(β9 0.90)
16548-3514	23	-0.06	1.01	0.30	3.29	3331	59	349.05	4.64	6	(β1 1.00)
16550-3725	23	0.58	0.93	0.56	3.99	3311	99	347.35	3.24	3	(β10 1.00)
16550-4314	22	-0.23	1.94	0.51	4.03	3331	63	342.81	-0.39	6	(ζ0 1.00)
16550-6815	23	1.33	0.69	-0.10	1.78	3331	24	322.76	-15.70	3	(ε3 1.00)
16551-0927	23	0.53	0.56	-0.36	1.76	3331	76	10.32	19.98	4	(λ28 0.67)
16552+0927	23	0.14	-0.04	-0.14	2.74	3331	7	28.36	29.50	8	(δ1 1.00)
16552-0241	13	0.85	0.40	-0.07	1.54	3331	32	16.48	23.63	3	(λ28 1.00)
16555-4456	13	0.10	1.05	0.65	5.49	3331	99	341.54	-1.51	5	(α4 1.00)
16555-4545	22	0.56	1.47	0.09	5.60	3331	89	340.90	-2.04	3	(λ21 0.93)
16555-5305	13	0.27	0.02	-0.40	4.84	3321	6	335.15	-6.59	7	(δ1 1.00)
16558-4445	23	0.62	0.46	3.08	4.23	3311	15	341.71	-1.45	4	(λ28 1.00)
16559-2557	11	-0.20	1.30	-0.12	0.51	3333	98	356.57	10.18	6	(β0 1.00)
16561-3459	12	-0.61	1.26	-0.12	1.61	3331	81	349.40	4.58	7	(β0 1.00)
16562-4256	12	-0.11	1.32	1.51	4.28	3311	68	343.19	-0.38	6	(η0 1.00)
16562-5039	12	-0.62	0.54	0.09	3.27	3331	83	337.12	-5.16	9	(α0 1.00)
16565-3754	23	0.77	0.99	0.77	4.09	3311	95	347.16	2.71	3	(β9 1.00)
16567-2408	13	0.72	0.42	0.35	3.19	3331	99	358.15	11.13	3	(α4 1.00)
16567-4659	21	-0.24	1.61	0.26	3.76	3331	99	340.07	-2.96	6	(ε1 1.00)
16567-5315	23	0.98	0.75	1.83	1.15	3333	31	335.12	-6.83	3	(η1 1.00)
16568-2501	23	0.89	0.11	-0.27	4.29	3321	23	357.46	10.57	4	(δ5 1.00)
16570-4403	23	0.53	0.75	2.46	4.16	2311	2	342.40	-1.19	3	(β3 1.00)
16571-7548	11	-0.62	0.82	-0.18	0.09	3333	99	316.33	-20.13	6	(β8 1.00)
16573-4619	22	-0.34	1.80	0.58	3.36	3331	99	340.65	-2.63	6	(η0 1.00)
16574-1032	12	-1.25	0.97	-0.27	1.26	3331	99	9.71	18.91	10	(β0 0.99)
16578-2935	23	1.12	0.06	0.46	2.80	3331	0	353.90	7.62	3	(δ8 1.00)
16579-4338	33	0.34	0.70	3.05	3.39	3311	99	342.83	-1.05	5	(δ7 1.00)
16580-4424	12	-0.08	1.34	0.26	2.98	3332	6	342.23	-1.53	4	(ε1 1.00)
16581-4058	11	-0.86	1.45	0.13	4.53	3331	99	344.94	0.57	9	(β0 0.94)
16583-0408	23	0.79	0.27	2.10	1.33	3333	51	15.58	22.19	4	(δ1 1.00)
16586+5223	23	1.25	0.60	-0.19	1.76	3331	1	79.66	37.99	2	(λ18 1.00)
16586-4142	11	-1.26	3.70	3.70	1.55	3333	0	344.42	0.05	13	(γ0 1.00)
16589-3315	11	-0.81	1.55	-0.13	0.81	3331	99	351.13	5.21	7	(ε1 1.00)
16590-3635	23	1.39	0.92	0.94	3.80	3311	1	348.51	3.13	3	(λ33 1.00)
16590-6253	23	0.50	0.94	0.47	1.03	3332	6	327.51	-12.88	4	(λ10 0.95)
16591-2931	22	0.08	0.81	0.26	1.56	3331	0	354.14	7.45	4	(λ27 0.92)
16592-6812	13	0.81	0.09	-0.16	1.81	3331	5	323.05	-15.99	5	(δ8 1.00)
16594-4656	12	-0.50	3.61	0.99	-0.35	3333	34	340.39	-3.29	7	(γ0 1.00)
16598-4117	11	-1.59	1.09	0.54	3.54	3331	0	344.89	0.12	11	(η0 0.93)
17001-2029	12	-0.51	1.15	0.32	0.16	3333	99	1.63	12.67	8	(β0 1.00)
17001-3421	23	0.65	1.58	-0.18	2.64	3331	86	350.41	4.31	3	(ε2 1.00)
17001-3651	11	-1.88	0.61	0.50	1.26	3331	99	348.44	2.80	26	(λ30 1.00)
17003-2004	23	1.18	0.04	0.02	2.99	3321	18	2.01	12.87	3	(δ2 0.80)
17004-0151	23	1.17	0.90	-0.75	1.95	3331	34	17.99	22.94	2	(β5 1.00)
17008+1409	23	-0.09	0.08	-0.19	0.94	3331	0	33.95	30.26	9	(δ1 0.98)
17010-3840	12	-0.77	2.16	1.17	1.06	3331	99	347.11	1.55	11	(ζ3 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
17010-4323	11	-1.31	1.07	0.00	4.58	3331	99	343.37	-1.35	15	(β1 1.00)
17011-4136	12	0.45	1.27	4.26	1.51	3311	47	344.79	-0.26	4	(η0 1.00)
17011-4829	23	0.46	0.99	0.12	4.74	3331	99	339.34	-4.46	3	(β4 1.00)
17013-6759	23	0.86	0.80	-0.20	1.31	3331	99	323.34	-16.03	3	(β13 1.00)
17014-3329	23	0.89	0.99	0.04	2.76	3331	87	351.27	4.64	3	(β4 1.00)
17014-4145	33	-0.19	1.25	1.43	4.05	3311	12	344.72	-0.40	3	(β3 0.91)
17017+3528	23	0.11	0.05	-0.06	1.04	3331	6	58.48	36.40	7	(δ8 1.00)
17020-5254	12	-1.11	1.22	-0.31	-0.17	3331	99	335.88	-7.25	7	(β0 1.00)
17023-3659	23	1.12	1.01	0.93	3.98	3311	83	348.60	2.36	10	(β5 1.00)
17025-4719	11	-0.90	1.25	-0.06	3.55	3331	0	340.41	-3.95	2	(β0 1.00)
17030-2801	23	1.17	1.89	0.51	1.73	3332	8	355.86	7.66	10	(ζ1 1.00)
17030-4246	22	0.57	1.86	0.46	5.46	3331	99	344.08	-1.25	3	(ζ4 1.00)
17034-1024	12	0.24	1.02	-0.13	2.54	3331	99	10.68	17.76	3	(β8 1.00)
17034-5230	12	0.33	0.97	0.25	1.37	3331	99	336.33	-7.18	5	(β9 1.00)
17039-3348	23	0.90	0.85	0.40	2.83	3331	87	351.34	4.03	5	(β5 1.00)
17041-7223	22	0.09	0.74	-0.29	0.57	3331	99	319.64	-18.67	2	(β1 1.00)
17043-3145	13	-0.17	0.87	-0.09	3.68	3331	95	353.02	5.20	4	(λ27 1.00)
17044-3722	12	-0.47	0.71	0.41	3.26	3311	93	348.54	1.80	6	(α0 1.00)
17044-4838	12	0.11	0.75	-0.20	4.16	3331	98	339.55	-4.98	7	(β1 1.00)
17046-3340	12	-0.19	1.06	-0.05	2.42	3331	29	351.52	4.00	4	(β11 1.00)
17047-2848	12	-0.38	1.08	0.02	1.04	3331	99	355.46	6.89	6	(λ30 1.00)
17047-5650	11	-1.76	2.19	1.60	0.27	3333	1	332.92	-9.91	6	(ζ4 1.00)
17048+7151	23	1.32	0.51	0.02	1.71	3331	99	103.29	33.97	25	(α6 1.00)
17048-1601	11	-0.91	0.43	-0.03	1.02	3333	98	6.04	14.32	2	(λ25 1.00)
17049-2440	11	-3.62	1.05	0.32	-0.32	3333	92	358.84	9.31	13	(λ30 1.00)
17050+1714	23	1.43	1.02	-0.05	1.44	3332	99	37.69	30.52	196	(α2 1.00)
17050-4123	11	-1.11	1.21	0.44	4.34	3331	17	345.41	-0.71	2	(β11 1.00)
17050-4621	12	-0.22	0.63	-0.08	4.71	3331	8	341.43	-3.70	10	(λ25 1.00)
17050-4642	12	0.13	1.54	0.29	4.04	3331	23	341.16	-3.91	9	(λ20 1.00)
17051-3059	33	0.88	0.97	-0.16	4.15	3331	18	353.74	5.52	5	(λ35 1.00)
17054-4342	23	0.55	0.25	2.66	3.87	3311	78	343.61	-2.17	5	(α4 1.00)
17056-3959	12	-0.46	1.25	5.31	-0.17	3311	99	346.60	0.04	4	(λ34 1.00)
17062-2758	22	0.94	1.33	-0.37	4.04	3331	99	356.33	7.12	7	(β2 0.97)
17066-3119	22	-0.03	0.83	0.14	3.39	3331	54	353.67	5.07	3	(λ34 0.99)
17066-4028	11	-1.89	1.05	0.07	4.14	3331	17	346.32	-0.41	4	(β11 1.00)
17067-4042	22	-0.86	1.15	-0.14	5.33	3331	29	346.14	-0.55	19	(β1 1.00)
17068-5745	12	-0.07	0.98	0.12	0.91	3331	99	332.33	-10.67	9	(β8 1.00)
17069-4149	33	2.35	3.81	2.77	0.49	3322	22	345.27	-1.25	6	(γ1 1.00)
17069-4202	23	1.08	1.04	1.48	5.82	3321	92	345.10	-1.38	2	(β5 1.00)
17071-4853	22	0.32	0.64	0.04	4.06	3331	0	339.61	-5.49	3	(λ27 1.00)
17072+1844	22	0.56	0.71	-0.25	1.02	3331	79	39.55	30.59	4	(λ24 1.00)
17072-4115	33	1.12	0.96	2.83	4.61	3311	99	345.76	-0.96	4	(λ6 1.00)
17073-2544	23	1.47	1.18	0.20	2.55	3331	99	358.30	8.24	3	(λ29 1.00)
17074-4549	22	0.86	5.00	3.34	1.64	3333	0	342.12	-3.71	2	(γ1 1.00)
17076-4702	12	-0.17	1.93	0.36	0.88	3332	99	341.15	-4.47	5	(ζ4 1.00)
17077-2417	33	1.09	0.84	0.15	3.84	3331	46	359.54	9.01	5	(λ6 1.00)
17078-3927	23	1.02	3.63	0.56	4.92	3311	18	347.27	0.02	2	(γ0 1.00)
17078-4848	22	0.16	0.15	0.45	4.19	3331	26	339.74	-5.54	10	(δ8 0.96)
17079-3243	11	-2.05	0.66	0.26	0.50	3331	17	352.71	4.01	8	(λ30 1.00)
17079-3844	13	-0.13	1.03	2.03	3.69	3311	30	347.86	0.43	26	(η1 1.00)
17079-6554	12	-1.91	0.52	0.16	-0.14	3333	99	325.52	-15.40	6	(α0 1.00)
17079-7405	21	-0.58	0.93	0.01	0.28	3333	35	318.28	-19.80	21	(λ34 1.00)
17080-3215	11	-3.37	0.92	0.18	0.10	3333	62	353.08	4.27	8	(β11 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
17081+6422	11	-0.82	0.65	0.03	0.30	3333	30	94.34	35.35	11	(λ30 1.00)
17082-5318	33	1.15	-0.01	-0.03	3.12	3311	11	336.11	-8.24	3	(δ4 1.00)
17083-3748	23	0.46	0.80	2.81	3.72	3311	99	348.67	0.92	3	(β3 1.00)
17083-4433	23	0.98	0.84	1.44	4.26	3311	94	343.23	-3.09	2	(β6 0.96)
17086+2739	12	-0.04	0.61	0.11	0.35	3332	0	49.60	33.17	6	(λ25 1.00)
17086+4045	12	-0.26	0.47	0.23	0.51	3333	0	65.18	35.84	9	(λ25 1.00)
17088-4221	12	-0.45	2.75	1.68	-0.04	3333	15	345.05	-1.86	6	(ζ3 1.00)
17089-2915	23	0.91	1.04	-0.11	2.89	3331	7	355.64	5.89	2	(β12 1.00)
17093-1633	33	1.10	1.23	-0.32	1.64	3331	74	6.22	13.14	3	(β7 1.00)
17094-4735	23	0.44	0.76	0.43	2.70	3332	99	340.90	-5.04	3	(β9 1.00)
17095-4001	23	0.35	1.08	0.94	5.44	3321	4	347.01	-0.57	3	(β5 1.00)
17100-5649	13	0.18	0.05	0.12	3.38	3331	15	333.35	-10.48	8	(δ1 1.00)
17101+1038	12	0.49	0.01	0.00	1.39	3331	29	31.38	26.74	6	(δ0 1.00)
17102-1031	11	-1.95	1.14	-0.02	0.04	3333	27	11.55	16.29	19	(β0 1.00)
17102-3959	22	0.68	1.31	1.80	4.50	3311	99	347.12	-0.67	3	(λ21 1.00)
17103-0559	11	-1.33	1.02	-0.30	0.01	3333	99	15.57	18.70	10	(β0 1.00)
17103-3551	11	-0.82	0.78	0.38	4.77	3321	75	350.46	1.76	11	(α0 1.00)
17103-3702	11	-0.14	4.11	2.89	0.61	3333	48	349.51	1.05	15	(γ1 1.00)
17104-3146	11	-1.19	1.32	0.15	2.59	3331	99	353.78	4.14	10	(β0 1.00)
17105-2804	13	0.63	0.95	-0.09	4.09	3331	99	356.81	6.30	3	(β4 1.00)
17105-3746	11	-0.93	1.03	0.47	4.09	3331	99	348.94	0.58	13	(λ30 1.00)
17107-3123	23	0.86	0.92	-0.17	5.26	3331	64	354.13	4.32	4	(λ6 1.00)
17109-3243	12	-0.19	1.49	0.28	2.12	3331	52	353.08	3.50	5	(ε1 1.00)
17109-3807	32	1.63	4.27	2.26	2.09	3321	15	348.71	0.33	3	(γ0 1.00)
17109-3942	11	-0.95	1.23	-0.39	5.81	3321	21	347.43	-0.62	8	(λ34 1.00)
17110-4008	12	0.41	1.30	2.29	3.45	3311	94	347.10	-0.88	4	(ε2 1.00)
17113-1456	23	1.07	0.78	0.46	1.86	3333	11	7.86	13.65	3	(λ18 1.00)
17114-2448	22	0.03	1.29	-0.09	1.43	3331	12	359.60	8.04	5	(β0 1.00)
17115+1803	22	0.60	0.80	0.17	0.55	3331	36	39.25	29.40	4	(λ28 0.94)
17115-3322	11	-1.69	0.95	-0.01	1.76	3331	99	352.63	3.01	13	(β1 1.00)
17116-4036	12	-0.57	1.18	0.22	4.85	3331	0	346.78	-1.24	7	(β11 1.00)
17117-4016	13	0.35	0.57	3.20	3.59	3311	35	347.06	-1.07	5	(λ28 1.00)
17118-3935	12	-0.52	0.90	1.34	4.48	3311	6	347.62	-0.68	6	(β9 1.00)
17118-4958	23	0.69	0.96	0.00	3.40	3331	0	339.18	-6.75	3	(λ29 1.00)
17119+0859	11	-3.03	1.15	-0.34	-0.50	3333	99	29.94	25.61	54	(β0 1.00)
17119-3558	22	-0.04	1.30	1.58	4.03	3311	99	350.56	1.42	4	(β0 1.00)
17120+5755	13	0.82	0.58	-0.14	1.55	3331	10	86.39	35.70	3	(λ7 0.96)
17120-0043	13	0.25	0.53	-0.45	1.40	3331	14	20.61	21.01	4	(λ24 1.00)
17120-3028	23	0.16	0.37	-0.08	3.17	3311	0	355.04	4.63	6	(δ1 1.00)
17121-5747	22	0.05	0.94	0.08	1.34	3333	7	332.71	-11.27	4	(β9 0.89)
17122-2019	13	-0.35	0.96	-0.41	1.23	3331	99	3.44	10.44	4	(β2 1.00)
17122-2707	11	-0.56	1.71	0.63	0.29	3331	99	357.81	6.54	10	(ε1 1.00)
17123+1107	11	-0.84	0.65	-0.06	0.92	3332	46	32.13	26.45	12	(λ30 1.00)
17123+1426	21	-4.32	0.19	0.11	-0.20	3333	6	35.53	27.82	642	(δ0 1.00)
17123-0953	13	0.67	0.37	-0.22	1.87	3331	38	12.38	16.20	3	(λ7 1.00)
17123-2122	22	-0.03	0.77	-0.00	3.13	3331	8	2.57	9.81	5	(λ30 1.00)
17125-4814	11	-0.65	1.68	0.49	1.64	3331	99	340.67	-5.84	8	(ζ4 1.00)
17126+3625	13	0.00	0.66	-0.29	0.56	3331	17	60.11	34.39	6	(λ25 1.00)
17128-4230	23	0.50	1.03	0.70	3.18	3331	97	345.38	-2.54	4	(ε2 1.00)
17130+4514	23	1.20	0.09	0.23	1.80	3331	4	70.78	35.52	3	(δ8 1.00)
17130-3907	22	-1.05	0.98	0.56	4.86	3331	99	348.14	-0.60	14	(α0 1.00)
17131-6225	21	-0.27	1.38	0.21	0.01	3333	99	328.83	-13.95	8	(β0 1.00)
17132-5003	21	-0.38	1.69	0.00	1.77	3331	99	339.25	-6.99	4	(ε2 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
17133+3651	12	-0.58	-0.00	-0.16	0.60	3331	32	60.66	34.34	13	(δ0 1.00)
17133-2056	23	1.25	1.05	-0.05	4.23	3321	99	3.08	9.88	3	(α2 1.00)
17139+0446	11	-0.70	0.57	-0.30	0.81	3332	99	26.07	23.25	7	(β1 1.00)
17139-3746	11	-0.97	1.07	3.36	2.23	3311	8	349.34	0.05	10	(β0 0.60)
17139-4019	23	0.44	0.56	4.19	2.82	3311	96	347.26	-1.44	4	(λ10 1.00)
17141-1737	12	-0.46	0.74	-0.20	0.80	3331	94	5.96	11.60	8	(β8 1.00)
17141-3944	12	-0.14	1.16	2.34	3.93	3311	12	347.77	-1.13	5	(β11 1.00)
17142-3446	33	1.28	0.79	1.83	4.01	3311	12	351.81	1.74	2	(η1 1.00)
17150-3224	21	-0.78	3.42	1.68	-0.17	3333	6	353.84	2.98	6	(γ0 1.00)
17151-4806	13	0.31	0.61	0.07	4.10	3331	7	341.03	-6.12	5	(λ28 0.87)
17154-4145	23	0.80	0.67	0.36	3.66	3311	91	346.27	-2.50	3	(λ27 1.00)
17154-4744	13	0.78	1.11	-0.27	4.40	3331	99	341.36	-5.95	3	(β9 1.00)
17155-4917	12	0.17	1.02	0.27	1.78	3332	92	340.09	-6.85	4	(λ30 0.97)
17160-2900	23	1.20	0.93	0.38	3.27	3331	99	356.74	4.78	3	(β3 1.00)
17160-3718	33	0.86	1.55	2.53	3.86	2311	96	349.96	-0.02	3	(ζ3 1.00)
17160-5934	23	0.65	0.84	0.03	1.15	3331	0	331.48	-12.68	3	(λ21 1.00)
17162+1054	23	0.83	0.00	-0.11	3.67	3331	31	32.38	25.49	5	(δ6 1.00)
17162-1934	11	-1.08	1.06	-0.23	-0.02	3331	6	4.60	10.09	10	(β0 1.00)
17167-3241	23	0.29	0.96	1.54	4.47	3311	94	353.82	2.53	4	(λ21 1.00)
17167-4055	22	-0.23	1.95	0.05	4.20	3331	43	347.08	-2.21	6	(ζ4 1.00)
17168-2856	23	0.67	0.66	0.01	3.57	3331	94	356.89	4.66	3	(λ21 1.00)
17171-0843	22	-0.39	1.30	-0.20	0.08	3331	99	14.06	15.81	5	(β0 1.00)
17172+0211	12	-0.93	0.13	0.37	0.95	3333	0	24.03	21.30	16	(δ0 1.00)
17172-4020	12	-0.95	0.34	-0.05	5.49	3331	3	347.62	-1.96	11	(α5 1.00)
17174-4641	11	-1.16	1.20	-0.17	2.09	3331	19	342.42	-5.62	11	(β0 1.00)
17175-4149	23	1.02	0.09	0.86	6.19	3311	67	346.42	-2.85	4	(δ3 1.00)
17175-4602	21	-0.53	1.19	-0.21	3.14	3331	99	342.97	-5.27	5	(β0 1.00)
17176-3939	33	1.09	0.58	4.07	3.89	3311	20	348.23	-1.63	3	(α1 1.00)
17179-4638	32	0.66	1.01	0.52	3.35	3331	53	342.51	-5.67	3	(λ21 1.00)
17179-5122	13	0.39	0.60	-0.03	3.25	3331	1	338.58	-8.35	5	(λ24 1.00)
17180-2708	33	2.70	3.90	2.38	0.61	3333	0	358.54	5.47	3	(γ1 1.00)
17181+1806	22	0.34	0.04	-0.15	1.37	3331	14	39.96	27.97	7	(δ0 1.00)
17186-2914	23	0.76	0.53	0.82	3.30	3321	99	356.87	4.18	4	(α6 1.00)
17186-4208	22	0.39	1.40	0.15	4.47	3331	99	346.29	-3.21	3	(ε2 1.00)
17187-3750	11	-2.45	1.19	0.06	3.94	3331	18	349.83	-0.76	28	(β11 1.00)
17188-4141	23	0.70	0.23	0.53	5.53	3311	3	346.68	-2.98	4	(δ8 0.99)
17189-6501	12	-0.07	1.89	0.21	-0.11	3333	99	326.93	-15.88	4	(ζ4 1.00)
17190+2658	11	-0.18	0.79	-0.10	0.13	3332	61	49.63	30.75	5	(β8 1.00)
17192-1305	12	0.17	0.80	-0.30	2.73	3331	26	10.53	13.05	6	(λ12 1.00)
17193-0601	23	1.07	1.11	-0.00	1.45	3331	99	16.77	16.76	3	(β4 0.99)
17194-3354	23	0.24	1.04	2.82	4.27	3311	99	353.14	1.36	6	(β8 0.72)
17197-3901	23	0.46	0.73	3.33	3.92	3311	64	348.97	-1.59	4	(λ24 1.00)
17198-4336	12	-0.75	0.90	0.14	3.50	3331	96	345.21	-4.22	8	(β1 1.00)
17199-3446	33	0.80	3.99	4.41	1.83	3333	12	352.49	0.80	5	(γ1 1.00)
17199-3512	11	-1.28	0.93	0.37	4.97	3331	99	352.13	0.53	15	(λ24 1.00)
17201-4613	11	-0.95	0.66	0.02	2.69	3331	55	343.07	-5.75	13	(λ30 1.00)
17202-2805	23	1.08	-0.05	1.14	3.54	3311	19	358.02	4.54	3	(δ3 1.00)
17206-2826	12	-0.33	0.28	0.27	2.79	3331	18	357.80	4.27	9	(δ0 1.00)
17206-3849	13	0.18	0.52	1.50	4.98	3321	16	349.24	-1.64	5	(λ7 1.00)
17208-2916	23	-0.12	0.07	0.66	3.68	3311	35	357.12	3.76	6	(α5 1.00)
17208-8134	23	1.36	0.26	-0.10	2.12	3321	13	311.55	-23.98	3	(α6 1.00)
17209-3126	12	-0.08	1.32	0.45	3.55	3331	41	355.36	2.52	4	(ε1 1.00)
17209-3318	21	-0.75	1.26	0.35	3.83	3321	49	353.81	1.45	8	(λ20 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
17210-3946	21	0.26	2.14	0.59	3.58	3331	97	348.49	-2.23	4	(ζ3 1.00)
17211-3537	23	1.28	2.26	4.42	2.39	3333	0	351.92	0.11	3	(ζ3 1.00)
17211-5529	12	-0.86	0.05	-0.04	0.88	3331	19	335.37	-11.01	15	(δ0 1.00)
17213-2219	11	-0.33	1.18	0.04	2.70	3331	1	2.97	7.57	4	(λ21 0.97)
17213-3023	23	0.46	1.37	0.26	3.74	3311	2	356.26	3.03	4	(λ11 0.98)
17215-3237	23	0.78	1.15	0.93	4.42	3311	99	354.44	1.75	3	(ε2 1.00)
17215-4626	23	1.12	1.07	0.45	4.00	3331	97	343.03	-6.06	2	(β9 1.00)
17217-3916	11	-1.34	1.21	0.88	2.91	3321	99	348.98	-2.07	14	(λ20 1.00)
17217-4347	13	0.74	0.97	-0.71	3.63	3321	35	345.25	-4.60	3	(β10 1.00)
17220-2912	23	1.04	1.01	0.75	3.69	3311	85	357.34	3.58	2	(β4 1.00)
17220-4425	23	0.42	0.55	0.36	2.63	3331	27	344.75	-5.01	4	(λ24 0.96)
17220-8049	22	0.12	0.08	-0.07	1.18	3331	13	312.31	-23.69	7	(δ0 1.00)
17221-3220	23	1.23	1.17	2.05	3.85	3311	88	354.74	1.80	2	(β5 1.00)
17222-2328	12	-0.48	1.16	0.12	1.04	3331	98	2.13	6.76	8	(λ30 1.00)
17222-3047	33	0.98	1.27	0.98	3.79	3311	98	356.04	2.66	2	(β6 1.00)
17222-5038	13	0.18	0.29	1.28	1.69	3333	11	339.57	-8.49	4	(δ7 1.00)
17224-2648	12	0.14	0.81	0.23	2.53	3331	14	359.37	4.86	5	(λ30 1.00)
17228-3959	23	0.51	0.83	2.71	3.06	3331	6	348.51	-2.63	5	(δ8 1.00)
17230+0113	12	0.12	1.39	0.04	0.10	3333	99	23.87	19.57	7	(β1 1.00)
17234-4640	23	0.83	0.08	-0.04	5.35	3311	24	343.02	-6.47	4	(δ5 1.00)
17236+1657	22	-0.07	0.08	-0.10	0.95	3331	12	39.33	26.31	7	(δ0 1.00)
17237-3011	23	0.44	1.01	0.44	3.78	3311	97	356.73	2.71	3	(β2 1.00)
17237-3102	11	-0.88	0.52	0.04	3.65	3311	7	356.01	2.25	10	(λ25 1.00)
17239-2812	11	-1.43	1.29	0.29	0.79	3331	87	358.38	3.79	12	(ε1 1.00)
17240+0410	23	0.45	0.06	-0.28	1.59	3331	0	26.76	20.75	7	(δ1 1.00)
17240+7154	12	0.26	0.29	0.21	1.29	3333	36	102.94	32.50	7	(δ0 1.00)
17241-8627	22	1.01	0.61	0.65	1.03	3333	52	306.68	-26.07	3	(λ28 1.00)
17242-3513	12	-0.59	3.09	4.25	1.89	2233	47	352.61	-0.18	11	(γ0 1.00)
17244-3827	22	0.23	0.77	2.42	4.19	3311	82	349.95	-2.03	4	(λ24 0.98)
17244-6431	23	0.34	0.99	-0.11	0.70	3331	94	327.68	-16.13	4	(β4 1.00)
17245-3951	33	2.32	4.37	1.71	2.13	3331	0	348.81	-2.84	2	(γ1 1.00)
17253+0828	23	0.49	-0.02	-0.01	1.44	3321	31	31.04	22.42	8	(δ2 1.00)
17255-5355	12	0.36	1.07	0.30	0.83	3333	99	337.05	-10.70	3	(β2 0.78)
17256+0504	23	0.47	1.36	0.36	0.29	3333	99	27.82	20.81	3	(β2 1.00)
17258-7331	33	1.60	0.25	-0.04	2.30	3321	39	319.45	-20.61	3	(λ16 1.00)
17259-4159	22	0.08	0.84	-0.03	4.46	3331	70	347.17	-4.24	4	(β11 0.94)
17261+1554	33	0.92	0.23	0.33	1.34	3331	13	38.51	25.34	5	(λ31 1.00)
17262-2343	31	1.24	3.71	2.44	0.40	3333	2	2.43	5.85	4	(γ1 1.00)
17262-3801	12	0.11	1.07	1.81	4.00	3311	99	350.52	-2.09	4	(β2 1.00)
17262-5003	22	0.34	1.57	-0.10	0.77	3332	99	340.42	-8.72	3	(ε2 1.00)
17264-3348	12	0.38	0.98	2.56	3.73	3211	8	354.05	0.22	5	(λ28 0.99)
17264-3521	22	0.33	1.93	1.11	4.52	3331	99	352.75	-0.64	4	(ζ0 1.00)
17265-0725	11	-1.75	0.96	-0.07	-0.24	3333	14	16.47	14.51	16	(λ34 1.00)
17265-2626	22	0.81	1.41	-0.07	2.92	3331	56	0.19	4.29	3	(η0 1.00)
17266-2319	23	0.48	1.48	0.11	1.82	3331	19	2.81	5.98	3	(β2 1.00)
17267-1926	12	-1.33	0.13	0.44	0.49	3331	11	6.11	8.10	18	(δ1 0.95)
17269-2625	12	-1.35	0.74	0.15	1.31	3331	99	0.25	4.23	11	(λ30 1.00)
17272-2657	12	0.54	1.83	0.13	2.14	3331	99	359.84	3.87	3	(ζ4 0.99)
17273-2643	12	-0.62	0.83	0.20	1.75	3331	12	0.05	4.00	8	(λ34 1.00)
17277-3304	12	-0.60	0.87	1.59	3.92	3311	7	354.80	0.41	10	(λ30 1.00)
17278-3937	22	-0.28	0.60	0.60	4.38	3331	56	349.35	-3.23	6	(α5 0.99)
17279-4950	23	0.87	0.77	0.68	1.28	3331	3	340.76	-8.83	4	(λ7 1.00)
17281+1757	33	0.91	0.70	-0.07	1.14	3332	40	40.81	25.69	3	(λ2 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
17281-3807	32	0.70	1.34	1.82	3.58	3311	72	350.63	-2.46	3	(ε2 1.00)
17282-5102	12	-0.56	0.47	0.14	1.03	3331	0	339.75	-9.51	10	(λ25 1.00)
17286-3637	33	1.24	1.14	2.58	3.88	3311	96	351.95	-1.72	2	(β5 1.00)
17287+2608	13	0.63	-0.02	0.04	1.53	3331	32	49.48	28.44	5	(δ1 1.00)
17288-3748	22	0.27	1.76	0.31	4.56	3231	99	350.98	-2.39	4	(ζ4 1.00)
17289-3106	22	0.16	1.31	2.13	4.33	3311	99	356.59	1.28	4	(η0 1.00)
17290-1826	12	0.14	1.08	0.13	1.63	3331	99	7.25	8.18	4	(β0 1.00)
17291-3401	33	0.62	1.12	2.52	3.96	3311	15	354.18	-0.36	3	(λ21 1.00)
17292+5220	13	0.13	-0.08	0.07	1.07	3331	28	79.58	33.31	7	(δ0 1.00)
17292-2727	23	0.97	2.37	1.10	1.11	3331	64	359.66	3.23	3	(ζ3 1.00)
17296+3231	12	-0.04	0.66	0.06	-0.00	3332	99	56.56	30.10	4	(β1 1.00)
17296-3155	22	0.19	1.23	2.16	4.22	3311	99	355.98	0.71	4	(β2 0.93)
17297+1747	11	-3.24	1.22	0.02	-0.16	3333	99	40.80	25.30	58	(λ20 1.00)
17301-3720	23	0.64	1.01	1.87	3.71	3311	99	351.51	-2.35	3	(β4 1.00)
17302-3613	12	-0.44	0.18	-0.08	6.18	3331	39	352.45	-1.76	8	(α0 0.95)
17304-3849	12	0.77	0.70	1.20	4.30	3311	96	350.29	-3.21	3	(λ21 1.00)
17305-4642	23	0.88	0.56	-0.35	2.82	3321	46	343.66	-7.51	3	(λ10 1.00)
17309-1724	11	-1.50	1.25	-0.71	0.20	3331	99	8.38	8.35	11	(β0 1.00)
17309-3412	22	0.13	1.34	0.65	5.40	3331	99	354.21	-0.77	4	(η0 1.00)
17311-2450	23	0.66	0.05	0.89	4.68	3321	28	2.10	4.30	6	(δ1 1.00)
17314-0156	23	0.07	1.01	0.11	0.22	3331	0	22.02	16.20	5	(λ27 1.00)
17314-6402	12	-0.13	0.77	0.16	0.29	3332	0	328.52	-16.54	5	(β8 1.00)
17315-3414	11	-1.26	1.08	-0.19	5.23	3331	14	354.26	-0.89	12	(β11 1.00)
17317-3331	11	-1.41	2.68	1.64	2.35	3331	99	354.88	-0.54	25	(ζ3 1.00)
17318-2342	11	-0.37	0.89	0.39	1.77	3331	3	3.14	4.80	7	(λ34 1.00)
17318-3606	12	-0.68	0.65	-0.13	4.48	3331	51	352.73	-1.97	9	(λ30 1.00)
17319-4319	22	-0.35	0.87	-0.24	3.16	3331	99	346.65	-5.89	5	(β1 1.00)
17319-6234	11	-2.37	1.74	0.37	-0.18	3333	99	329.88	-15.87	20	(ζ4 1.00)
17321-3336	23	-0.11	1.10	1.08	4.89	3311	0	354.85	-0.66	7	(λ6 1.00)
17323-0556	22	0.74	0.95	0.01	1.57	3331	99	18.56	14.01	3	(λ24 1.00)
17323-2716	33	1.15	0.79	0.94	3.65	3321	96	0.20	2.76	3	(α1 1.00)
17323-3614	23	0.80	1.34	1.42	3.67	3331	19	352.68	-2.13	3	(λ6 1.00)
17324-3152	23	0.43	2.86	4.66	1.70	1132	11	356.35	0.23	7	(ζ1 1.00)
17326-3424	23	1.11	0.99	2.50	3.96	3311	4	354.25	-1.17	2	(λ21 0.95)
17327-3703	23	0.71	0.70	1.95	3.56	3311	93	352.04	-2.64	3	(λ31 0.96)
17328-3327	11	-3.58	1.23	0.75	0.17	3321	17	355.07	-0.70	95	(ε2 1.00)
17329+5359	12	-0.23	1.03	0.09	0.08	3333	99	81.58	32.85	5	(β8 1.00)
17334+1537	11	-1.84	1.11	0.07	-0.11	3333	99	38.98	23.63	19	(β1 0.98)
17334-4519	13	0.75	1.28	0.24	1.86	3332	32	345.11	-7.19	2	(ε2 1.00)
17336-4530	12	-0.16	0.77	0.36	1.33	3332	26	344.97	-7.32	5	(λ24 1.00)
17337-4258	23	0.25	-0.01	0.04	4.72	3321	30	347.14	-5.98	7	(δ1 1.00)
17341-3453	11	-2.02	1.21	0.12	2.88	3331	5	354.01	-1.70	25	(β11 1.00)
17342+3127	23	0.85	0.91	0.16	0.70	3331	7	55.67	28.86	3	(β9 1.00)
17343+1052	11	-0.31	0.65	0.00	0.26	3331	99	34.42	21.45	5	(β8 1.00)
17343+2735	23	0.79	0.01	-0.02	1.71	3331	19	51.49	27.70	4	(δ1 1.00)
17343+3525	23	1.07	0.75	-0.16	1.40	3331	9	60.07	29.87	3	(λ10 1.00)
17344-1619	23	0.75	0.79	0.21	1.82	3331	17	9.76	8.21	3	(λ24 1.00)
17346-2312	23	0.66	1.09	0.14	4.32	3331	99	3.91	4.52	4	(β4 1.00)
17348-3207	22	-0.62	1.22	1.45	3.29	3311	51	356.41	-0.33	8	(β11 1.00)
17349-3039	22	-0.29	1.17	1.04	4.34	3321	7	357.66	0.45	6	(β11 1.00)
17352-2049	13	0.70	0.49	0.91	2.17	3331	0	5.99	5.68	3	(λ7 1.00)
17354-3358	23	0.74	1.30	2.48	3.56	3311	99	354.92	-1.42	3	(β4 1.00)
17355-3241	33	0.66	2.23	3.91	1.99	3322	23	356.01	-0.76	7	(ζ1 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
17359+0441	23	0.73	1.10	0.03	0.53	3331	97	28.71	18.34	3	(β9 1.00)
17359+4555	23	1.13	0.76	-0.22	1.52	3331	24	72.14	31.61	3	(λ7 0.99)
17359-2138	23	0.83	0.85	-0.38	3.29	3321	77	5.40	5.09	3	(λ10 1.00)
17360-0142	33	0.87	0.75	-0.06	1.22	3331	2	22.82	15.30	4	(λ11 1.00)
17360-3012	22	-2.23	1.97	0.27	2.51	3331	99	358.16	0.49	34	(ζ4 1.00)
17361+5746	11	-0.92	1.16	-0.08	-0.02	3333	32	86.08	32.49	9	(β1 1.00)
17361-3804	12	0.66	1.25	-0.02	4.48	1131	99	351.54	-3.76	3	(λ21 1.00)
17362-3322	22	-0.01	1.45	0.77	4.77	3311	73	355.52	-1.25	3	(ε1 1.00)
17363-5213	13	0.08	1.06	-0.04	0.89	3332	23	339.40	-11.20	4	(λ21 1.00)
17367-2319	21	-0.74	1.12	-0.06	2.92	3331	99	4.06	4.05	8	(β0 1.00)
17368-3000	12	-1.16	1.69	0.37	3.63	3211	99	358.43	0.44	8	(ε1 1.00)
17369+0137	23	1.03	0.31	-0.35	2.06	3331	0	25.98	16.72	3	(δ6 0.99)
17369-2606	23	0.81	1.51	-0.09	3.62	3111	96	1.73	2.52	3	(β9 0.97)
17369-3534	13	0.38	0.88	0.01	3.07	3331	15	353.73	-2.54	4	(β9 0.97)
17369-4136	12	-0.29	0.25	0.75	3.02	3331	5	348.62	-5.76	8	(α5 1.00)
17371-3021	21	-1.52	1.36	0.35	3.39	2321	99	358.17	0.22	11	(λ20 1.00)
17371-3505	23	0.47	1.17	0.18	2.98	3331	51	354.17	-2.33	4	(β4 1.00)
17372-2440	23	0.79	0.46	0.59	3.51	3311	1	2.99	3.23	4	(λ28 1.00)
17373-3446	12	0.23	1.04	-0.61	3.67	3311	96	354.46	-2.18	4	(β2 1.00)
17375-0207	23	0.63	0.08	0.01	1.74	3331	15	22.64	14.77	5	(δ8 1.00)
17375-3247	22	0.50	1.51	2.48	3.92	3311	98	356.16	-1.15	4	(ε2 1.00)
17375-3652	11	-1.62	2.04	0.38	1.34	3331	99	352.70	-3.33	24	(λ20 1.00)
17379-1006	23	0.41	0.73	0.10	1.46	3331	99	15.60	10.71	3	(β2 0.94)
17380+3113	23	1.28	-0.01	0.11	2.11	3311	19	55.68	28.02	3	(δ5 0.85)
17381-3442	11	-0.82	1.20	-0.04	1.80	3331	7	354.59	-2.29	8	(β11 1.00)
17381-5029	23	0.40	0.11	-0.01	2.04	3331	16	341.06	-10.55	6	(δ8 1.00)
17382-1704	11	0.24	1.47	0.21	2.68	3331	43	9.59	7.05	4	(ε1 1.00)
17386-3257	22	0.21	1.51	2.17	3.58	3311	76	356.14	-1.44	4	(β2 1.00)
17387-4343	11	-0.90	0.44	-0.20	3.30	3331	0	346.98	-7.16	12	(λ30 1.00)
17387-6349	22	0.16	0.82	-0.25	0.83	3332	24	329.11	-17.14	5	(λ28 0.99)
17388-1645	21	-0.71	0.95	-0.43	2.36	3331	99	9.94	7.09	6	(β0 1.00)
17389-2045	11	-0.92	1.43	0.65	1.45	3331	87	6.51	4.98	11	(β0 1.00)
17389-5742	11	-1.52	0.42	0.41	0.35	3333	32	334.72	-14.26	16	(α0 1.00)
17390-0626	22	0.45	0.82	0.03	1.77	3331	0	18.97	12.32	4	(η0 1.00)
17391-2023	23	0.83	0.72	1.16	3.38	3311	13	6.86	5.12	4	(λ4 1.00)
17392-3319	22	0.43	2.29	0.99	3.75	3331	37	355.89	-1.75	5	(ζ3 1.00)
17393-2517	23	0.94	1.01	0.07	3.33	3321	0	2.72	2.49	3	(β10 1.00)
17398-1727	23	0.79	0.67	0.22	3.88	3331	10	9.45	6.53	4	(λ28 1.00)
17398-3301	23	0.74	0.52	1.33	5.64	3331	84	356.21	-1.70	4	(λ7 0.99)
17398-4344	11	-0.69	0.83	0.17	2.10	3331	13	347.06	-7.33	7	(λ34 1.00)
17399-0449	23	0.70	0.07	0.67	1.62	3331	0	20.51	12.94	5	(δ1 0.79)
17399-2204	22	0.50	1.43	0.04	3.63	3331	99	5.52	4.08	4	(β2 1.00)
17399-2608	23	1.10	1.20	1.08	3.60	3311	99	2.07	1.92	3	(β4 1.00)
17400-3516	23	1.01	0.17	1.06	3.11	3311	19	354.33	-2.93	4	(δ2 0.99)
17401-5730	22	0.37	1.67	0.24	-0.23	3332	99	334.97	-14.30	5	(ε2 1.00)
17403+6234	12	0.25	0.83	0.02	0.35	3333	12	91.76	31.95	5	(λ24 0.53)
17403-0658	23	0.93	1.21	0.23	1.83	3331	82	18.66	11.78	3	(β4 1.00)
17403-3238	23	-0.26	0.64	0.55	5.67	3311	5	356.59	-1.58	10	(δ0 1.00)
17403-3716	13	0.42	1.37	0.14	4.25	3331	32	352.65	-4.03	4	(λ21 1.00)
17403-3744	12	0.30	1.46	-0.11	4.02	3331	99	352.26	-4.28	4	(β2 0.57)
17408-6442	13	0.48	-0.08	0.11	1.37	3331	6	328.40	-17.75	7	(δ1 0.92)
17409+0435	12	-0.34	-0.08	0.00	0.88	3331	13	29.21	17.19	11	(δ1 1.00)
17409-5208	22	0.07	0.75	-0.19	1.07	3331	99	339.84	-11.77	5	(β4 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
17410+2940	13	0.92	0.08	0.04	1.72	3331	21	54.23	26.94	4	(δ8 1.00)
17410-3451	22	0.56	0.74	-0.21	3.54	3331	11	354.80	-2.88	3	(β9 1.00)
17413+1133	23	1.26	0.75	0.25	1.31	3331	35	35.86	20.20	2	(λ3 1.00)
17415-0321	22	0.42	1.02	-0.13	1.04	3331	30	22.03	13.30	4	(λ12 1.00)
17416-3131	22	0.52	2.02	0.73	2.45	3332	12	357.69	-1.22	4	(ζ0 1.00)
17418-0750	23	0.89	-0.06	0.25	4.00	3331	0	18.08	11.03	3	(δ6 0.97)
17418-2713	22	0.69	2.90	1.76	3.70	3331	99	1.37	1.00	3	(γ1 1.00)
17419-1838	13	0.46	0.89	0.40	1.83	3331	2	8.71	5.47	4	(λ28 0.99)
17421-0130	23	0.66	0.63	-0.00	1.68	3331	57	23.76	14.07	4	(λ24 0.96)
17422-3320	23	0.59	0.79	2.85	4.04	3311	94	356.21	-2.29	4	(λ12 1.00)
17426-2222	12	-0.58	1.12	0.06	1.85	3331	99	5.60	3.39	7	(β1 1.00)
17427+2130	23	1.12	0.55	-0.21	1.73	3331	48	45.86	23.84	3	(λ7 0.98)
17427-3010	32	0.73	4.29	0.71	2.68	3331	7	358.96	-0.72	5	(γ1 1.00)
17428-3155	23	0.63	0.90	0.92	6.30	3321	45	357.49	-1.65	3	(λ21 1.00)
17433-2523	11	-0.97	1.14	-0.08	2.91	3331	74	3.10	1.68	9	(β0 1.00)
17434-3414	11	-0.78	1.20	-0.41	1.79	3331	99	355.59	-2.98	8	(β0 1.00)
17435+1851	33	0.83	0.74	-0.02	1.04	3331	8	43.26	22.68	3	(λ28 0.90)
17435-3056	13	0.26	1.03	2.83	1.89	3312	17	358.40	-1.27	4	(λ21 0.99)
17436+5003	31	1.66	5.25	1.67	-0.12	3333	35	77.13	30.87	2	(γ1 1.00)
17436-1545	12	-0.24	1.56	0.35	0.32	3331	99	11.40	6.62	6	(ε1 1.00)
17437+5438	23	0.85	0.71	-0.13	1.19	3331	70	82.45	31.30	3	(λ24 1.00)
17438-3230	23	1.10	0.82	3.54	3.30	3311	99	357.10	-2.14	3	(β5 1.00)
17441-2411	22	-0.45	3.18	1.25	-0.35	3331	6	4.22	2.16	5	(ζ3 1.00)
17441-3541	23	0.01	0.23	1.24	2.64	3331	30	354.41	-3.84	6	(δ1 1.00)
17441-7039	23	0.73	0.58	0.19	1.29	3331	4	322.87	-20.62	3	(λ24 1.00)
17443-2519	11	-0.33	1.88	0.44	2.94	3331	99	3.29	1.52	7	(ζ4 1.00)
17443-2949	33	0.63	2.55	1.74	3.64	3331	51	359.44	-0.84	6	(ζ2 1.00)
17445-1308	33	1.06	1.23	-0.41	2.56	3331	14	13.78	7.79	3	(β6 1.00)
17445-3128	12	0.32	1.25	1.28	5.02	3331	99	358.07	-1.74	4	(λ20 0.89)
17445-4414	12	-0.07	0.52	-0.07	2.74	3331	1	347.07	-8.32	5	(λ24 0.96)
17446-7809	11	-2.93	0.70	0.18	-0.17	3333	99	315.42	-23.58	56	(α0 1.00)
17447-2536	13	0.08	0.83	1.34	3.67	3321	71	3.08	1.30	6	(α4 1.00)
17449-4242	22	0.40	1.37	-0.49	3.34	3331	99	348.44	-7.59	4	(β4 1.00)
17450-0337	12	0.13	0.44	0.19	2.41	3331	6	22.22	12.41	6	(λ25 1.00)
17450-2724	12	-0.73	1.24	1.69	3.49	2331	99	1.58	0.29	5	(ζ4 1.00)
17455-1601	23	1.05	1.33	0.14	2.28	3331	19	11.40	6.11	3	(β6 1.00)
17456-3454	12	-0.16	1.08	0.05	1.89	3331	99	355.23	-3.71	5	(β1 1.00)
17457-6223	12	0.51	0.77	0.23	0.79	3331	73	330.82	-17.20	3	(λ27 1.00)
17459-3057	12	-0.75	1.88	0.66	3.88	3321	96	358.66	-1.71	10	(ζ4 1.00)
17461-4235	33	1.28	0.11	-0.01	4.64	3311	40	348.66	-7.73	3	(δ4 1.00)
17462+3634	23	1.17	0.03	-0.22	2.28	3321	19	62.02	27.84	3	(δ3 1.00)
17462-8647	11	0.02	0.61	-0.11	0.86	3333	75	306.45	-26.49	5	(λ25 1.00)
17468-1503	23	0.34	1.32	0.09	1.32	3331	98	12.40	6.32	4	(β9 1.00)
17468-2746	22	0.85	0.84	4.96	2.90	3311	14	1.47	-0.23	4	(ε2 1.00)
17469+2233	23	0.81	0.62	-0.26	1.38	3331	51	47.30	23.32	3	(λ11 1.00)
17470-4339	23	1.07	1.08	0.16	1.88	3331	99	347.81	-8.41	2	(β7 1.00)
17472-2222	23	0.73	1.03	0.40	3.81	3321	57	6.14	2.49	3	(λ12 1.00)
17473+4542	22	0.30	0.13	-0.09	1.18	3331	17	72.26	29.61	6	(λ25 1.00)
17473-2751	21	-1.77	1.29	0.05	4.64	3311	78	1.47	-0.37	18	(β0 1.00)
17475-3101	22	0.52	0.91	0.48	5.85	3321	0	358.78	-2.05	4	(η1 1.00)
17478-2957	22	0.37	0.55	1.29	5.43	2321	8	359.73	-1.55	4	(λ24 1.00)
17479-2927	11	-0.94	1.21	0.51	2.10	3332	99	0.17	-1.31	8	(β8 1.00)
17479-3401	13	0.14	0.93	0.66	4.00	3331	32	356.24	-3.65	4	(λ21 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
17480-4045	23	0.84	0.05	0.41	2.31	3331	7	350.43	-7.10	4	(δ5 0.96)
17482-2824	31	-2.95	1.68	0.27	2.05	3331	19	1.10	-0.83	53	(ζ4 1.00)
17484-0800	11	-2.07	1.09	-0.31	0.14	3333	99	18.75	9.52	21	(β0 1.00)
17484-2950	23	0.46	1.20	2.00	3.75	3311	96	359.89	-1.60	4	(ε1 1.00)
17485-2209	12	-0.69	1.03	-0.17	3.01	3331	17	6.48	2.34	7	(β0 1.00)
17486-2345	33	0.79	1.86	0.55	3.55	3321	30	5.13	1.49	3	(ζ1 1.00)
17488-1158	23	1.42	0.69	0.48	2.58	3331	16	15.32	7.47	3	(α6 1.00)
17488-2800	11	-2.37	0.99	-0.39	4.16	3331	11	1.51	-0.73	29	(β11 0.99)
17489-3245	33	1.18	1.03	2.04	3.55	3311	5	357.44	-3.18	2	(β10 1.00)
17490-0226	12	0.06	1.04	-0.26	0.68	3331	13	23.77	12.10	6	(β4 1.00)
17490-4638	33	1.57	0.31	0.45	2.38	3321	61	345.37	-10.19	2	(δ3 1.00)
17494-2026	23	0.98	1.06	0.05	3.71	3331	99	8.07	3.04	2	(β6 1.00)
17494-2839	13	0.58	0.81	2.92	3.97	3311	39	1.03	-1.17	3	(α1 0.99)
17495-1704	22	0.25	1.16	-0.33	2.21	3331	0	10.98	4.73	4	(β2 1.00)
17495-2534	12	-0.02	2.37	0.57	4.38	3331	99	3.68	0.39	5	(ζ3 1.00)
17496-2931	13	0.78	0.64	2.59	4.63	3311	74	0.30	-1.67	3	(λ24 1.00)
17496-3107	21	0.08	1.28	0.40	4.60	3331	99	358.92	-2.47	6	(β2 1.00)
17497-3128	22	0.28	1.04	0.14	5.21	3331	96	358.63	-2.68	4	(β2 0.53)
17499+0646	23	1.38	0.04	0.24	2.20	3321	8	32.30	16.21	3	(λ1 1.00)
17502-1316	22	0.91	0.94	0.59	2.43	3331	2	14.36	6.51	3	(λ3 1.00)
17504-0234	11	-0.85	0.62	0.13	0.05	3332	81	23.83	11.74	13	(λ25 1.00)
17504-1902	23	1.36	1.50	0.38	3.02	3331	99	9.40	3.55	3	(β3 1.00)
17505-2934	23	0.63	0.94	0.33	6.24	3321	98	0.35	-1.86	3	(β9 1.00)
17505-3143	11	-0.56	1.97	0.72	2.48	3321	99	358.50	-2.95	11	(ζ0 1.00)
17505-7021	12	-0.63	0.65	-0.28	0.18	3331	12	323.39	-20.99	10	(λ30 1.00)
17507-1122	12	-0.13	1.23	0.22	1.07	3331	99	16.09	7.36	5	(ε1 1.00)
17508-2810	13	0.81	1.07	2.70	4.20	3311	99	1.59	-1.19	3	(ε2 1.00)
17508-3419	11	-0.74	0.90	0.00	3.12	3331	21	356.29	-4.33	8	(λ34 1.00)
17509-2819	22	0.19	0.79	1.24	5.11	3331	96	1.47	-1.30	4	(λ21 1.00)
17511-3246	22	0.85	0.97	0.12	5.28	3321	7	357.67	-3.59	3	(λ21 1.00)
17511-4817	23	1.14	0.55	0.05	4.00	3321	96	344.06	-11.30	3	(λ16 1.00)
17513-2313	11	-2.19	1.20	0.00	1.75	3331	38	5.91	1.23	28	(β11 1.00)
17515-2407	12	-0.68	1.64	0.26	4.67	3331	99	5.16	0.74	6	(ζ4 1.00)
17515-2747	33	1.24	1.93	2.73	3.57	3311	99	1.99	-1.13	4	(ζ1 1.00)
17517-2731	22	0.05	1.35	1.87	3.93	3311	17	2.26	-1.02	4	(ε2 1.00)
17518-1014	12	0.00	1.14	-0.25	1.47	3331	46	17.21	7.70	4	(β2 1.00)
17518-3633	13	0.93	1.29	-0.12	4.04	3331	99	354.46	-5.63	3	(β2 1.00)
17522-2826	33	0.60	0.90	2.92	3.49	3211	97	1.52	-1.60	3	(β7 1.00)
17526+5652	22	0.56	0.04	-0.34	1.79	3331	2	85.17	30.23	5	(δ1 1.00)
17528+5703	13	0.95	0.34	0.57	0.96	3331	14	85.38	30.21	3	(λ7 1.00)
17528-2801	23	0.59	0.19	3.51	3.85	3311	2	1.94	-1.49	6	(δ5 1.00)
17531-0940	12	0.49	2.29	0.74	1.41	3331	99	17.86	7.69	5	(ζ0 1.00)
17531-4947	13	-0.10	0.83	-0.15	0.87	3331	5	342.88	-12.31	5	(λ30 1.00)
17533-2156	22	0.48	1.72	2.20	1.50	3331	0	7.24	1.49	3	(ε2 1.00)
17534+2603	12	-1.34	0.93	0.36	0.24	3333	0	51.43	23.19	13	(λ30 1.00)
17534-3030	11	-2.10	1.72	0.60	0.33	3333	97	359.86	-2.86	19	(ζ4 1.00)
17535-0124	23	1.03	0.10	0.50	2.15	3331	0	25.25	11.62	3	(δ5 1.00)
17536-2805	23	0.73	1.28	2.34	4.15	3311	76	1.97	-1.68	3	(β9 1.00)
17538-2719	13	0.72	0.64	3.11	4.22	3311	4	2.67	-1.33	3	(λ27 1.00)
17538-3118	12	-0.29	0.86	-0.26	4.75	3331	8	359.23	-3.35	5	(β8 0.97)
17538-3239	23	1.58	0.87	0.76	5.47	3331	10	358.05	-4.02	2	(λ29 1.00)
17538-3728	22	-0.69	0.87	-0.45	2.86	3331	99	353.86	-6.44	7	(β8 1.00)
17539-2405	23	0.13	0.43	2.78	3.85	3311	96	5.45	0.29	4	(α6 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
17540+1122	23	1.27	0.77	-0.17	3.40	3331	0	37.07	17.31	3	(α1 0.98)
17540-1919	11	-1.18	0.45	-0.27	2.75	3331	66	9.59	2.66	12	(β1 1.00)
17540-2125	23	0.47	1.17	0.40	3.67	3311	99	7.77	1.60	3	(λ27 1.00)
17540-2139	23	0.80	1.05	0.98	3.75	3311	86	7.57	1.51	3	(δ7 1.00)
17540-2356	22	0.72	0.38	3.83	3.33	3311	1	5.61	0.34	5	(λ28 1.00)
17541+1110	11	-0.80	0.71	-0.07	0.39	3332	20	36.91	17.19	7	(λ34 1.00)
17542-4142	22	0.16	0.02	-0.17	4.07	3331	10	350.18	-8.59	8	(δ1 1.00)
17544-1802	23	0.57	1.02	0.89	4.35	3331	94	10.74	3.24	4	(β4 1.00)
17544-2543	32	1.00	1.75	2.11	3.85	3321	99	4.10	-0.63	3	(ζ3 1.00)
17544-2951	12	-1.03	0.91	0.58	2.43	3332	99	0.53	-2.73	12	(λ30 1.00)
17545+3715	23	0.47	-0.04	-0.17	1.60	3331	16	63.26	26.42	5	(δ1 1.00)
17545-2339	12	-0.27	1.15	1.51	2.59	3311	95	5.90	0.38	6	(β0 1.00)
17545-2357	22	0.98	3.98	4.06	1.91	3333	7	5.63	0.24	5	(γ0 1.00)
17546-3811	23	0.67	0.93	-0.15	3.98	3331	0	353.31	-6.94	3	(β3 1.00)
17547-2013	23	0.91	1.02	0.15	3.88	2321	15	8.89	2.08	3	(β5 1.00)
17547-3249	23	0.33	1.50	0.49	3.44	3331	99	358.00	-4.26	4	(η0 1.00)
17551-2237	23	0.79	1.29	2.13	4.04	3331	0	6.86	0.79	3	(η1 1.00)
17552-1254	21	0.21	1.02	0.14	3.42	3321	99	15.30	5.64	5	(β0 1.00)
17552-3554	23	0.67	1.29	-0.20	2.16	3331	39	355.36	-5.89	3	(ε2 1.00)
17553+4521	12	-0.70	0.31	0.11	0.71	3333	14	72.16	28.17	14	(δ0 1.00)
17554+2946	12	0.17	1.01	0.27	0.27	3333	99	55.42	24.02	4	(β8 1.00)
17554+5129	11	-1.85	0.03	-0.14	-0.19	3333	16	79.05	29.22	40	(δ0 1.00)
17556+5813	11	-2.11	0.37	0.32	-0.00	3333	99	86.75	29.94	27	(α0 1.00)
17556+8039	22	0.61	1.03	0.01	0.79	3331	18	112.58	29.17	3	(β8 1.00)
17556-1742	32	0.88	2.03	0.62	2.29	3331	97	11.18	3.16	3	(ζ3 1.00)
17558+2915	23	1.10	-0.05	-0.14	2.21	3331	15	54.91	23.77	4	(δ2 1.00)
17558-1635	33	0.89	0.70	1.03	3.07	3321	19	12.16	3.68	3	(λ11 0.92)
17558-1913	12	-0.48	1.15	0.04	2.71	3331	99	9.89	2.36	5	(β0 1.00)
17558-3014	13	0.10	0.37	1.56	3.73	3111	17	0.35	-3.19	8	(δ0 1.00)
17559-2848	22	-0.04	1.49	0.12	4.47	3331	99	1.60	-2.48	5	(ε1 1.00)
17561-1932	12	0.37	0.98	0.49	3.43	3311	88	9.65	2.14	4	(β11 1.00)
17562-0946	23	0.58	-0.09	0.17	4.57	3331	8	18.17	6.98	5	(δ1 0.94)
17562-1133	23	1.33	0.54	0.60	2.96	3331	56	16.60	6.11	3	(α1 1.00)
17566-3255	23	0.65	1.15	0.07	4.30	3331	99	358.13	-4.67	4	(β4 1.00)
17566-3555	21	-0.76	1.05	0.01	0.64	3331	5	355.50	-6.16	10	(β1 1.00)
17567-3233	22	0.72	1.74	0.46	3.46	3331	99	358.44	-4.50	4	(ζ4 1.00)
17570-3713	11	-1.55	0.83	-0.13	1.60	3331	99	354.40	-6.87	12	(β1 1.00)
17571-1447	23	1.18	1.54	0.41	2.85	3331	99	13.89	4.31	3	(β9 0.99)
17571-1915	13	0.29	1.24	0.51	2.47	3331	99	10.02	2.08	3	(ε1 1.00)
17571-2030	13	0.53	0.86	0.93	3.10	3331	99	8.94	1.45	3	(β9 1.00)
17573-0807	22	0.35	0.83	0.23	1.57	3331	99	19.75	7.54	4	(λ34 1.00)
17573-1104	13	0.54	1.28	0.01	2.17	3331	99	17.15	6.11	3	(β6 0.88)
17573-2259	22	0.69	1.47	2.38	3.43	3312	99	6.80	0.17	3	(β4 1.00)
17574-1247	33	1.03	1.39	0.23	2.53	3331	99	15.66	5.24	3	(β6 1.00)
17577-2320	22	0.07	3.44	4.35	1.87	3333	17	6.55	-0.09	9	(γ0 1.00)
17578-1700	12	-0.34	1.36	1.27	0.64	3331	24	12.05	3.06	7	(λ28 1.00)
17579+2335	11	-0.86	0.95	-0.22	0.09	3333	99	49.35	21.33	9	(β1 1.00)
17580+0537	13	1.15	0.61	0.02	3.23	3331	2	32.17	13.88	3	(λ10 1.00)
17580-3711	22	0.09	0.68	-0.16	3.59	3331	84	354.53	-7.03	5	(λ34 1.00)
17581-1744	11	-0.80	0.70	0.30	2.55	3331	99	11.45	2.62	8	(α0 1.00)
17584+6638A	31	1.44	4.51	2.06	0.29	3333	47	96.47	29.97	5	(γ1 1.00)
17585+4530	13	1.31	0.10	-0.28	2.41	3321	36	72.45	27.66	3	(δ5 0.96)
17589-2419	23	0.09	1.23	1.94	4.29	3311	99	5.82	-0.82	4	(β2 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
17589-3757	22	-0.09	0.79	-0.28	3.18	3331	98	353.93	-7.55	5	(β1 1.00)
17591-1929	33	0.86	1.45	0.89	3.21	3311	0	10.04	1.54	3	(λ21 1.00)
17594-1910	23	0.01	0.82	0.72	3.53	3211	49	10.35	1.65	6	(λ28 1.00)
17595-5616	33	1.35	0.21	0.22	1.85	3321	19	337.36	-16.09	3	(δ3 1.00)
17596-2716	23	0.36	1.11	0.19	5.80	3321	6	3.36	-2.42	4	(λ6 1.00)
17599-4556	23	0.36	0.78	-0.23	2.98	3331	8	346.90	-11.51	4	(λ27 1.00)
18004-2259	22	-0.30	0.63	3.86	2.19	3311	99	7.16	-0.46	5	(ε1 1.00)
18006-3213	22	0.02	1.69	0.87	2.38	3331	2	359.14	-5.05	4	(ζ4 1.00)
18007-1833	23	1.18	1.45	1.07	3.71	3311	99	11.06	1.68	3	(λ10 1.00)
18007-1841	33	0.91	2.33	1.71	2.03	2331	81	10.93	1.63	3	(ζ3 1.00)
18008-2840	33	1.09	0.63	2.52	3.89	3311	99	2.26	-3.35	2	(α4 1.00)
18009-2019	21	-2.92	1.18	-0.13	1.73	3331	99	9.54	0.77	68	(β1 1.00)
18009-4001	12	-0.31	0.92	-0.26	0.68	3331	3	352.29	-8.88	6	(β8 0.98)
18009-5615	33	1.45	1.02	0.07	1.28	3331	0	337.46	-16.27	3	(β7 1.00)
18011+1933	23	0.81	0.10	-0.06	1.69	3331	5	45.67	19.11	5	(δ2 1.00)
18015-1244	13	0.44	0.82	0.47	2.59	3331	27	16.21	4.38	4	(λ12 1.00)
18016-2540	23	0.84	2.08	0.69	5.30	3331	97	4.97	-2.02	3	(ζ1 1.00)
18016-2603	12	0.24	0.94	0.46	6.12	3331	3	4.63	-2.20	5	(λ21 1.00)
18018-2802	11	-1.73	0.96	0.02	3.34	3331	99	2.93	-3.23	18	(β0 0.61)
18021-1950	32	1.41	3.76	3.16	0.96	3333	16	10.09	0.75	3	(γ1 1.00)
18021-2022	12	0.88	1.74	1.45	3.52	3311	59	9.63	0.50	3	(ζ4 1.00)
18022-1432	22	0.44	1.48	0.34	4.19	3331	12	14.72	3.35	4	(ε1 1.00)
18025-3025	13	0.21	0.00	1.21	4.10	3311	3	0.92	-4.54	8	(δ1 1.00)
18026-2514	22	0.46	1.01	2.83	3.89	3311	12	5.45	-2.01	4	(λ21 1.00)
18027-2314	11	0.31	1.58	1.03	4.68	3331	98	7.21	-1.04	4	(ε1 1.00)
18028-4455	12	0.11	0.95	0.09	1.49	3332	99	348.06	-11.49	4	(β1 0.97)
18030-1707	13	0.32	0.94	0.49	2.67	3321	93	12.56	1.91	5	(λ24 0.98)
18032-2032	31	-0.34	3.76	4.75	1.81	3333	9	9.61	0.20	12	(γ0 1.00)
18034-1441	33	1.40	1.41	1.78	3.94	3311	99	14.73	3.03	1	(β6 1.00)
18034-2203	23	0.17	2.31	3.23	1.32	3111	99	8.32	-0.59	5	(ζ4 1.00)
18037-2750	13	0.41	0.67	1.58	3.56	3311	6	3.30	-3.49	4	(λ28 1.00)
18038-1614	21	-0.04	1.52	0.36	2.40	3331	99	13.43	2.19	4	(ε1 1.00)
18039+2212	12	-0.34	0.07	-0.14	0.68	3331	7	48.53	19.55	10	(δ0 1.00)
18039-0455	12	0.52	1.05	0.12	3.25	3331	40	23.37	7.65	4	(λ21 1.00)
18039-0813	11	-0.96	0.94	0.29	0.57	3331	5	20.46	6.06	9	(λ34 0.90)
18040-0941	11	-2.19	0.56	0.34	0.21	3331	99	19.18	5.33	45	(α0 1.00)
18041-1436	23	0.84	0.19	2.64	3.90	3311	24	14.89	2.92	3	(δ3 1.00)
18041-2242	23	1.21	1.33	2.88	4.03	3311	99	7.83	-1.04	3	(β7 1.00)
18041-3317	11	-1.45	0.28	0.13	0.39	3332	99	358.58	-6.22	14	(α0 1.00)
18042-4801	23	0.56	0.85	-0.14	1.19	3331	94	345.36	-13.11	3	(β4 1.00)
18044+2015	23	0.75	0.57	-0.05	1.15	3331	48	46.68	18.69	3	(λ7 1.00)
18044-1947	22	-0.96	2.07	0.50	3.35	3331	99	10.41	0.31	10	(ζ0 1.00)
18044-2927	12	-1.05	1.16	-0.19	1.96	3332	50	1.98	-4.42	12	(β0 1.00)
18045+6239	12	0.28	0.51	-0.04	0.25	3332	13	91.92	29.17	5	(λ25 0.82)
18045-1525	12	-0.32	0.85	-0.15	3.12	3311	99	14.22	2.44	8	(α0 1.00)
18046-2322	12	0.14	1.32	1.92	3.77	3311	92	7.31	-1.48	4	(β9 0.96)
18049+0632	13	0.62	0.09	-0.03	3.37	3331	0	33.80	12.76	5	(δ1 1.00)
18050-0518	22	-0.25	1.40	-0.17	2.37	3331	99	23.16	7.24	4	(β6 1.00)
18050-2213	21	-4.96	0.82	0.08	-0.15	3333	92	8.34	-1.00	340	(β0 1.00)
18052+4326	13	0.33	0.28	0.03	1.49	3332	7	70.51	26.02	6	(δ0 0.90)
18054-3112	13	0.41	0.57	0.18	2.25	3331	45	0.53	-5.45	3	(λ18 1.00)
18056-1514	23	0.80	1.69	0.86	3.12	3331	99	14.51	2.31	3	(ζ1 1.00)
18057-2616	11	-0.80	0.99	0.19	3.81	3331	99	4.89	-3.12	8	(β8 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
18060-1755	12	-0.94	1.35	0.10	3.32	3311	96	12.23	0.90	16	(λ20 1.00)
18060-3451	22	0.81	1.23	0.13	3.45	3331	81	357.37	-7.31	3	(β2 0.99)
18061+0516	22	0.14	0.77	-0.07	2.18	3331	0	32.80	11.92	5	(λ30 0.72)
18061-1743	12	0.47	1.66	0.81	3.94	2311	99	12.40	0.96	3	(λ21 1.00)
18061-2739	12	-0.86	0.40	0.19	4.31	3331	3	3.73	-3.87	11	(α0 1.00)
18061-3140	23	0.94	1.35	-0.21	2.41	3331	46	0.20	-5.81	3	(β6 1.00)
18063-4525	23	0.54	0.44	-0.12	3.36	3331	0	347.90	-12.26	4	(λ7 1.00)
18064+4212	12	-0.45	0.63	-0.15	0.67	3333	24	69.24	25.51	8	(λ30 1.00)
18065-2307	23	0.53	0.56	3.03	3.77	3311	2	7.73	-1.75	3	(λ7 1.00)
18068-1517	23	0.84	0.67	1.43	3.78	3311	15	14.61	2.02	4	(λ7 1.00)
18069+0911	12	-0.96	1.45	-0.02	0.09	3333	2	36.47	13.51	8	(ε1 0.83)
18071-1727	21	0.19	2.84	1.97	2.52	3331	5	12.76	0.90	4	(γ1 1.00)
18073-2652	12	-1.25	0.32	0.31	3.69	3331	75	4.54	-3.72	16	(α0 1.00)
18074-2043	32	1.14	3.88	4.14	0.02	3311	19	9.93	-0.75	11	(γ0 1.00)
18076+3445	11	-0.13	1.38	0.09	0.02	3333	99	61.47	23.17	6	(β0 1.00)
18076-0652	22	0.34	1.21	0.06	1.86	3331	99	22.09	5.91	4	(λ34 1.00)
18076-0719	23	0.18	0.87	0.19	2.02	3331	0	21.69	5.69	5	(λ30 1.00)
18076-1034	11	-1.99	1.04	-0.08	1.09	3331	99	18.82	4.14	18	(β1 1.00)
18077-2614	23	0.43	2.05	0.76	3.44	3331	99	5.15	-3.50	4	(ζ0 1.00)
18078-2022	12	-0.89	0.42	2.02	4.34	3311	16	10.28	-0.68	13	(α0 1.00)
18080-2238	22	1.02	2.22	0.59	5.41	3331	99	8.33	-1.80	4	(ζ3 1.00)
18081-2138	12	0.20	1.32	4.67	2.38	2332	40	9.21	-1.35	7	(ζ4 1.00)
18082-0515	12	0.50	1.41	0.86	0.59	3331	0	23.59	6.55	4	(η0 1.00)
18083-2630	11	-1.86	1.80	-0.11	2.18	3331	99	4.97	-3.73	21	(ε1 1.00)
18083-4347	23	0.89	0.69	0.22	3.03	3331	16	349.55	-11.85	3	(λ31 0.99)
18085-1832	23	0.00	1.48	1.37	4.20	3311	68	11.96	0.09	4	(λ21 1.00)
18089-2952	12	0.26	1.41	-0.08	1.73	3333	6	2.08	-5.48	4	(λ28 1.00)
18089-3415	33	0.50	1.01	-0.68	4.17	3331	69	358.19	-7.56	4	(β2 1.00)
18091-1656	23	0.19	1.57	2.00	3.82	3311	99	13.44	0.74	4	(β2 1.00)
18092-0437	11	-1.75	1.29	0.14	-0.50	3331	97	24.28	6.63	15	(λ20 1.00)
18092-1742	23	0.69	3.08	4.87	1.96	3322	0	12.77	0.33	5	(γ0 1.00)
18093-2107	22	0.15	0.59	3.09	3.73	3311	29	9.80	-1.34	4	(λ27 1.00)
18095+2704	11	-0.50	2.67	0.24	-0.62	3333	15	53.83	20.18	5	(ε0 1.00)
18095-2229	23	0.79	0.79	0.66	6.22	3231	96	8.63	-2.03	3	(α4 1.00)
18096+0650	21	0.17	3.67	1.26	-0.16	3333	1	34.62	11.85	5	(γ0 1.00)
18096-1003	12	0.10	2.18	0.73	1.71	3331	94	19.52	3.96	5	(ζ0 1.00)
18098-2435	22	0.15	1.09	0.45	4.06	3331	99	6.82	-3.11	4	(β1 1.00)
18099-1449	22	0.76	1.49	2.48	3.57	3311	99	15.38	1.59	4	(β2 1.00)
18099-2452	12	-0.12	0.77	0.42	4.08	3331	7	6.58	-3.27	5	(λ34 1.00)
18100-1420	12	-0.59	1.16	0.69	4.39	3311	99	15.82	1.79	10	(λ20 1.00)
18100-1915	33	1.28	2.36	1.99	4.35	3331	98	11.52	-0.58	2	(ζ2 1.00)
18100-2808	12	0.00	1.33	-0.26	3.47	3131	0	3.71	-4.86	5	(β8 1.00)
18101-0713	12	0.16	1.06	-0.61	2.93	3331	0	22.07	5.20	4	(β11 0.98)
18102-1828	13	-0.06	1.61	2.14	3.63	3311	99	12.21	-0.23	7	(ζ0 0.97)
18102-2928	23	0.70	1.09	0.14	4.04	3331	9	2.56	-5.53	3	(β3 1.00)
18104-1029	23	0.60	1.04	0.57	4.00	3311	0	19.24	3.58	3	(λ21 1.00)
18106-3231	22	0.62	0.94	-0.51	4.14	3331	40	359.89	-7.05	4	(β2 1.00)
18107-1428	33	0.71	1.21	2.42	4.26	3311	97	15.78	1.60	3	(ε1 1.00)
18110-1854	31	0.80	4.59	4.31	2.05	3323	66	11.94	-0.61	5	(γ1 1.00)
18110-2826	23	0.64	1.53	0.42	3.21	3321	13	3.56	-5.18	3	(λ6 1.00)
18112+1227	12	-0.28	1.08	-0.13	0.40	3333	10	39.97	13.97	5	(β0 1.00)
18115-2053	23	1.14	0.75	1.11	6.14	3321	57	10.24	-1.67	2	(α6 1.00)
18115-2139	21	-0.88	1.51	0.18	1.49	3332	99	9.57	-2.03	8	(ε1 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
18119-2244	12	-1.40	1.04	0.38	3.27	3331	99	8.67	-2.65	15	(λ30 1.00)
18120+1408	23	0.71	1.18	0.83	0.80	3333	6	41.63	14.53	3	(λ6 1.00)
18120+4530	23	1.39	0.24	0.24	1.83	3331	42	73.05	25.35	2	(λ1 1.00)
18120-1417	22	0.27	1.53	0.58	5.29	3321	99	16.09	1.41	4	(ε1 0.96)
18120-5151	33	1.00	0.56	-0.08	1.63	3331	19	342.34	-15.90	3	(α1 1.00)
18123+0511	23	1.05	1.59	0.83	0.22	3331	5	33.44	10.51	2	(η1 1.00)
18125+3010	12	-0.66	0.82	-0.05	0.21	3333	6	57.18	20.67	7	(λ34 1.00)
18125-7741	22	-0.51	0.85	-0.21	0.49	3333	37	316.41	-24.81	7	(β8 1.00)
18126+1532	12	-0.29	0.54	-0.13	2.38	3331	29	43.00	14.97	8	(λ25 1.00)
18128-2055	13	0.53	1.28	0.50	5.06	3331	99	10.36	-1.96	3	(β3 1.00)
18128-2158	33	0.92	1.35	0.16	5.65	3321	98	9.43	-2.45	3	(β7 1.00)
18129-3053	22	0.53	3.29	0.49	-0.41	3333	0	1.59	-6.71	3	(γ0 1.00)
18134+0119	23	0.78	0.96	-0.29	2.13	3331	97	30.06	8.50	3	(β4 0.99)
18135+0221	13	0.12	0.08	-0.08	2.05	3331	6	31.01	8.95	6	(δ1 1.00)
18135-1456	11	-0.10	3.07	2.14	2.20	3331	0	15.70	0.77	4	(γ1 1.00)
18135-1740	11	-2.02	1.28	0.56	3.11	3331	22	13.30	-0.53	24	(λ28 1.00)
18135-3907	12	0.70	0.95	-0.02	1.62	3331	0	354.24	-10.62	3	(λ21 1.00)
18136-1859	11	-1.81	0.79	0.42	4.17	3331	5	12.15	-1.19	27	(λ28 1.00)
18138-0426	12	0.36	1.60	-0.08	1.38	3331	87	24.97	5.72	3	(ε2 1.00)
18139-1811	12	-0.30	1.39	-0.13	5.78	3321	15	12.89	-0.88	5	(ε1 1.00)
18142-0217	22	-0.02	1.23	-0.31	3.07	3331	10	26.94	6.63	4	(ε1 0.99)
18142-3646	11	-2.19	-0.00	-0.12	1.35	3331	55	356.43	-9.68	51	(δ0 1.00)
18143-3040	22	1.06	1.55	0.13	1.51	3331	99	1.91	-6.87	3	(ζ1 1.00)
18145-4018	13	0.84	0.62	-0.09	3.07	3331	26	353.25	-11.32	3	(λ18 1.00)
18147-2215	12	-0.79	1.28	0.47	3.32	3331	97	9.40	-2.97	9	(λ30 1.00)
18148-2703	23	0.25	0.04	0.60	4.65	3331	5	5.18	-5.29	7	(δ1 1.00)
18155-1036	23	-0.16	0.62	1.57	3.26	3311	98	19.73	2.42	5	(β9 1.00)
18155-1519	12	-1.04	0.51	3.61	2.22	3311	13	15.59	0.16	12	(α0 1.00)
18156+0655	12	0.64	0.49	-0.15	2.12	3331	62	35.38	10.55	4	(λ7 1.00)
18156-0653	11	-1.52	0.48	0.01	1.22	3331	99	23.03	4.17	17	(α0 1.00)
18157+1757	11	-0.89	0.33	0.51	0.25	3333	13	45.60	15.32	14	(δ0 1.00)
18158-2947	23	0.89	1.06	0.10	3.73	3331	6	2.86	-6.75	2	(β3 1.00)
18159+2123	23	0.54	1.09	-0.02	0.47	3331	2	48.89	16.65	3	(λ27 1.00)
18161-1713	23	-0.43	2.10	0.73	4.12	3321	33	13.99	-0.86	7	(η0 1.00)
18162+2419	23	0.96	0.51	-0.08	3.14	3331	15	51.75	17.74	3	(δ5 1.00)
18162-0246	11	-0.78	1.09	0.45	1.64	3331	16	26.73	5.97	8	(λ20 0.94)
18162-0922	32	0.22	0.90	0.89	3.02	3311	99	20.91	2.85	5	(β2 1.00)
18162-1612	33	1.16	2.76	4.60	1.68	2333	87	14.89	-0.40	5	(ζ0 1.00)
18162-2048	21	0.10	4.38	4.14	1.43	3333	0	10.84	-2.59	11	(γ0 1.00)
18163-1426	23	-0.04	1.12	2.21	3.77	3311	99	16.46	0.43	5	(λ20 0.96)
18163-1954	23	2.21	1.61	3.43	2.87	3312	74	11.65	-2.19	2	(λ16 1.00)
18163-2251	23	0.88	0.81	0.25	5.48	3331	40	9.06	-3.59	3	(λ31 1.00)
18164-3629	23	0.24	1.33	-0.01	2.05	3331	2	356.90	-9.95	3	(ε2 1.00)
18165-2629	12	0.09	1.11	-0.00	3.68	3331	80	5.85	-5.34	4	(β0 1.00)
18166-2353	12	-0.09	1.11	-0.35	4.14	3331	99	8.18	-4.14	4	(β1 1.00)
18168-1520	23	0.04	1.56	2.24	4.15	3311	80	15.73	-0.11	5	(η0 1.00)
18170-1259	22	-0.35	0.39	2.67	3.77	3311	70	17.81	0.97	7	(λ24 1.00)
18171+2425	23	1.25	-0.06	0.31	3.64	3331	19	51.92	17.60	4	(δ2 1.00)
18171-1219	12	-0.44	1.05	1.24	4.62	3321	0	18.40	1.26	6	(β0 0.96)
18171-1455	22	0.12	1.02	3.88	2.21	3311	23	16.12	0.02	6	(ε1 1.00)
18172-2305	12	-0.95	1.10	-0.13	3.67	3331	92	8.95	-3.89	9	(β1 1.00)
18172-5544	12	-0.30	0.92	-0.23	0.01	3332	22	338.93	-18.15	5	(β8 1.00)
18173-1100	33	1.36	1.96	2.72	3.65	3311	95	19.59	1.84	2	(ζ2 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
18176-1848	11	-0.71	1.97	0.55	3.10	3331	31	12.77	-1.94	7	(ζ4 1.00)
18177-2951	11	-0.85	0.02	-0.08	2.91	3331	1	3.00	-7.15	20	(δ0 1.00)
18178-5249	12	-0.23	1.07	-0.02	0.13	3332	51	341.78	-17.11	6	(β1 1.00)
18180-1318	23	0.08	1.67	1.14	4.75	3321	93	17.65	0.60	3	(ζ1 1.00)
18181+2156	13	0.35	0.04	-0.08	1.50	3331	6	49.62	16.40	6	(δ1 1.00)
18181+2550	22	0.55	0.90	-0.27	0.87	3331	11	53.38	17.93	3	(β8 0.99)
18183+0554	12	0.00	0.93	0.07	2.65	3333	90	34.77	9.51	4	(β8 0.51)
18184-1302	21	-2.69	2.18	0.95	1.70	3321	0	17.93	0.63	34	(ζ0 1.00)
18184-2456	12	-0.84	0.14	-0.06	3.83	3331	7	7.44	-4.99	17	(δ0 1.00)
18185-1927	12	-0.27	1.18	0.20	4.89	3331	97	12.30	-2.43	5	(β11 0.99)
18185-2531	33	0.73	1.59	0.40	3.24	3331	96	6.93	-5.30	3	(ζ4 1.00)
18186+3143	11	-0.92	0.92	-0.10	0.03	3333	20	59.22	19.99	9	(λ34 1.00)
18186-0255	13	0.53	-0.02	-0.15	4.80	3321	3	26.90	5.36	6	(δ1 0.99)
18186-2018	23	0.92	1.42	0.23	5.48	3321	70	11.56	-2.86	3	(β6 1.00)
18186-6131	13	0.36	-0.00	-0.06	1.34	3331	9	333.29	-20.40	7	(δ1 1.00)
18188-1342	23	0.68	1.51	2.84	3.54	3321	98	17.39	0.24	3	(η0 1.00)
18188-3840	23	1.05	0.03	0.19	2.31	3311	0	355.12	-11.35	4	(δ5 0.99)
18189-2335	23	0.99	0.45	1.83	4.01	3311	5	8.70	-4.46	3	(λ9 1.00)
18190-5114	23	0.82	1.00	0.18	0.78	3331	10	343.37	-16.64	3	(λ29 0.99)
18192-1855	32	0.65	0.73	2.65	3.71	3311	10	12.85	-2.33	3	(λ10 1.00)
18193-2335	12	0.43	1.47	-0.09	3.99	3331	34	8.73	-4.54	4	(λ6 1.00)
18194-2708	21	-3.46	0.53	0.44	-0.17	3333	99	5.59	-6.22	75	(λ30 1.00)
18195-2042	23	0.71	1.65	0.19	4.78	3331	79	11.30	-3.22	3	(λ21 1.00)
18196+5030	12	0.05	0.76	-0.24	0.26	3332	76	78.76	25.29	4	(β8 1.00)
18197-1211	22	-0.73	1.29	1.12	1.87	3311	87	18.84	0.76	6	(β11 1.00)
18200+2315	23	0.81	0.08	-0.04	1.68	3331	11	51.07	16.53	4	(δ8 1.00)
18202+0636	23	0.65	0.80	-0.02	1.58	3331	81	35.60	9.41	3	(β9 1.00)
18202+4905	12	0.13	0.13	-0.14	1.05	3331	5	77.27	24.87	7	(δ0 1.00)
18202-2101	23	0.48	0.99	0.21	4.84	3331	99	11.09	-3.52	3	(β5 1.00)
18204-0637	23	0.92	0.61	0.41	3.86	3311	7	23.83	3.23	3	(λ18 1.00)
18204-1344	21	-3.11	1.10	0.26	2.47	3331	39	17.55	-0.13	48	(β11 1.00)
18205-0147	33	0.60	1.16	-0.07	2.09	3331	99	28.11	5.49	3	(β4 1.00)
18205-1212	12	0.15	1.38	2.19	2.21	3311	99	18.90	0.57	4	(ζ4 1.00)
18207-1029	12	0.35	2.00	-0.12	3.59	3311	99	20.45	1.36	3	(ζ4 1.00)
18209+0928	23	1.14	1.21	0.09	3.06	3331	98	38.29	10.52	3	(β4 1.00)
18210-1825	22	0.40	1.59	1.53	3.89	3311	99	13.50	-2.47	4	(ζ4 1.00)
18210-4526	23	0.63	0.58	0.37	0.90	3331	0	349.03	-14.60	4	(δ8 1.00)
18213+0335	11	-1.35	0.85	-0.27	0.17	3331	99	33.03	7.78	12	(β1 1.00)
18213+8903	23	1.17	0.05	0.00	3.60	3321	10	121.94	27.51	4	(δ5 1.00)
18215+2144	23	0.56	-0.07	-0.00	1.77	3331	7	49.77	15.60	6	(δ2 1.00)
18216-1552	12	0.26	2.01	0.67	4.79	3331	99	15.80	-1.38	5	(ζ0 1.00)
18218-0749	13	0.15	0.87	0.69	2.85	3331	69	22.93	2.37	2	(λ18 1.00)
18220-3756	13	0.54	1.10	0.20	0.71	3331	99	356.08	-11.58	5	(β1 1.00)
18221+0345	22	0.08	1.03	0.02	1.10	3331	99	33.27	7.68	6	(β1 1.00)
18221-2629	23	0.98	1.08	-0.14	2.55	3321	4	6.45	-6.46	3	(θ0 1.00)
18222+3933	11	-0.55	0.67	-0.26	0.33	3333	90	67.39	21.88	7	(λ34 1.00)
18222-0936	33	1.28	1.16	0.81	4.10	2311	50	21.40	1.44	2	(ζ2 1.00)
18222-1544A	22	-0.41	1.22	1.63	3.40	3311	80	15.99	-1.46	6	(ε1 1.00)
18223-2034	13	0.75	-0.03	0.93	3.28	3311	56	11.74	-3.75	5	(δ2 1.00)
18224-1228	33	1.15	2.22	5.57	2.22	2332	3	18.88	0.05	8	(ζ1 1.00)
18224-2206	22	0.62	1.35	-0.48	4.83	3331	99	10.38	-4.49	4	(β11 1.00)
18226-2155	22	-0.14	0.96	-0.79	4.90	3331	61	10.56	-4.42	5	(β1 1.00)
18230+0544	11	-1.01	0.52	0.44	1.27	3331	99	35.14	8.39	12	(α0 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
18230-0923	13	0.41	0.58	1.09	3.89	3311	99	21.69	1.37	4	(α4 1.00)
18232-1003	12	0.62	1.54	1.45	4.74	3321	99	21.12	1.00	3	(ε1 1.00)
18234-2206	21	-1.11	1.22	0.77	1.59	3331	12	10.50	-4.68	10	(λ20 1.00)
18236-1004	33	0.84	1.11	3.03	3.87	3311	19	21.15	0.93	3	(λ10 1.00)
18238-2542	12	-1.00	0.61	-0.20	0.84	3331	97	7.32	-6.44	8	(β1 1.00)
18239-0655	11	-2.23	0.96	0.34	0.69	3331	92	23.96	2.33	29	(λ30 1.00)
18240+2326	11	-3.53	1.03	0.12	-0.28	3333	99	51.62	15.77	73	(λ20 1.00)
18241-1443	23	0.89	0.76	2.09	3.67	3321	99	17.10	-1.37	6	(λ28 0.64)
18243+0352	12	-1.11	0.80	-0.47	0.52	3331	56	33.63	7.24	11	(β1 1.00)
18243-0722	23	1.01	1.03	0.83	3.71	3311	99	23.62	2.03	3	(β4 1.00)
18243-3555	23	0.88	1.05	-0.26	1.49	3331	98	358.14	-11.12	3	(β4 1.00)
18244+0107	23	0.19	0.28	0.62	2.02	3331	0	31.16	5.97	5	(α4 1.00)
18244-0108	13	0.31	0.43	0.26	2.19	3331	94	29.16	4.92	5	(α5 1.00)
18244-3033	23	0.97	0.94	0.10	1.75	3331	94	3.03	-8.75	2	(β3 1.00)
18244-7559	23	0.03	0.44	-0.21	0.72	3331	99	318.41	-25.06	4	(λ24 1.00)
18245-0552	12	0.14	1.48	0.38	2.29	3331	99	24.96	2.69	3	(ε1 1.00)
18246-3321	12	-0.02	0.43	-0.09	2.94	3331	21	0.51	-10.04	6	(λ30 1.00)
18246-6456	12	0.82	1.29	0.00	1.11	3331	99	330.05	-22.15	4	(β2 1.00)
18247+0729	12	-0.11	0.85	0.12	0.61	3331	16	36.92	8.80	6	(λ30 1.00)
18248+5053	23	1.39	0.60	-0.07	1.78	3331	99	79.39	24.59	2	(λ11 1.00)
18248-0102	12	0.31	1.51	0.37	1.01	3331	98	29.28	4.88	4	(ε1 1.00)
18248-0745	22	0.35	0.84	0.37	3.86	3311	6	23.34	1.75	3	(η0 1.00)
18248-0839	12	-1.84	1.30	0.25	2.07	3331	99	22.54	1.33	25	(λ30 1.00)
18251-1647	23	0.53	0.77	1.28	4.88	3311	37	15.39	-2.55	4	(λ24 1.00)
18251-2116	23	1.07	0.15	0.13	5.72	3311	2	11.42	-4.65	5	(δ2 1.00)
18251-3234	12	0.13	1.18	0.11	0.48	3331	99	1.26	-9.78	4	(β0 1.00)
18252-1305	12	-1.02	1.00	-0.09	4.82	3331	15	18.67	-0.85	10	(β11 0.98)
18254-1106	23	0.89	1.52	3.94	2.47	3311	95	20.44	0.03	4	(ζ1 1.00)
18254-1149	32	-0.06	2.19	2.51	3.30	2321	90	19.81	-0.30	5	(ζ1 0.99)
18256-1948	23	1.03	0.65	0.78	4.59	3331	1	12.77	-4.06	4	(λ7 1.00)
18257-1000	11	-0.53	2.60	1.84	2.21	3331	62	21.45	0.50	13	(ζ3 1.00)
18260-0250	33	0.86	1.15	0.16	2.56	3331	95	27.82	3.77	3	(β7 1.00)
18261-1748	22	-0.75	0.61	0.25	2.64	3333	15	14.59	-3.24	9	(λ34 1.00)
18264+4916	23	0.74	0.66	0.68	0.32	3331	84	77.74	23.94	3	(λ24 1.00)
18265-0205	13	2.18	2.30	4.56	2.20	3312	0	28.55	4.00	3	(ζ4 1.00)
18265-1908	12	0.24	1.37	0.20	4.26	3331	66	13.46	-3.95	4	(η0 1.00)
18267-0606	11	-1.38	1.68	0.78	0.88	3331	39	25.01	2.10	11	(ζ4 1.00)
18268+1218	33	1.54	0.62	0.14	3.81	3331	0	41.53	10.47	3	(λ16 1.00)
18268-1656	23	1.22	0.96	2.64	3.42	3311	73	15.44	-2.98	2	(β4 0.90)
18269-1257	12	-1.01	1.25	0.43	4.46	3331	99	18.99	-1.15	10	(λ20 1.00)
18270+0326	12	0.35	1.14	-0.07	1.73	3331	98	33.54	6.44	4	(β4 1.00)
18273-0738	11	-0.75	1.66	0.34	2.81	3331	99	23.73	1.24	7	(ζ4 1.00)
18275-2004	23	0.96	0.54	0.85	3.00	3332	19	12.73	-4.59	3	(α1 0.99)
18276+8236	11	-0.50	1.13	-0.05	0.00	3333	99	114.68	27.84	8	(β1 0.97)
18276-1431	21	0.24	3.47	1.78	-0.12	3333	21	17.68	-2.03	3	(γ0 1.00)
18276-4717	11	-2.37	0.39	0.14	-0.20	3333	99	347.74	-16.39	32	(α0 1.00)
18278+0931	13	0.19	1.28	-0.40	0.80	3331	99	39.11	9.03	3	(β4 1.00)
18278-2550	23	0.79	1.11	-0.54	2.07	3331	60	7.62	-7.29	3	(β5 0.90)
18280+0521	23	0.92	1.10	0.36	1.40	3331	93	35.37	7.11	3	(β7 1.00)
18280-5639	11	-1.81	0.66	-0.12	0.07	3333	93	338.60	-19.87	20	(λ34 1.00)
18281+2149	11	-0.41	2.05	0.67	0.05	3333	99	50.49	14.24	5	(ζ4 1.00)
18286-1610	12	0.49	2.11	1.26	3.33	3331	83	16.32	-3.02	3	(ζ0 1.00)
18286-4453	12	-0.43	0.81	-0.39	0.46	3331	99	350.12	-15.60	7	(β1 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
18287-1447	22	0.50	1.23	0.56	4.92	3331	20	17.56	-2.39	3	(η0 1.00)
18290-1145	33	0.63	1.14	2.64	4.00	3311	51	20.28	-1.04	3	(β5 1.00)
18290-2459	12	-0.12	1.57	0.24	1.86	3331	99	8.51	-7.15	7	(β2 1.00)
18291+3836	23	0.88	0.60	0.03	1.17	3331	2	66.88	20.31	3	(δ7 1.00)
18295-1030	32	0.56	3.54	4.38	1.42	3333	69	21.44	-0.56	8	(ζ2 1.00)
18298-2111	21	-0.45	2.44	0.94	-0.29	3333	99	11.99	-5.59	9	(ζ0 1.00)
18298-2856	23	0.97	0.93	0.23	1.76	3331	0	5.02	-9.08	3	(λ6 1.00)
18301-0656	11	-0.31	0.98	0.68	3.20	3311	99	24.68	0.97	8	(λ34 0.98)
18302-1052	12	0.64	2.30	2.57	1.90	3333	11	21.20	-0.89	3	(ζ0 1.00)
18302-1200	22	0.48	1.27	2.42	4.06	3311	98	20.20	-1.43	4	(β9 0.99)
18302-2008	33	0.51	0.62	-0.11	4.61	3311	93	12.98	-5.17	4	(α1 1.00)
18303-0519	11	-0.81	1.76	0.24	4.30	3331	99	26.12	1.67	8	(ζ4 1.00)
18305-0826	22	-0.25	2.38	3.17	1.14	3321	13	23.39	0.19	6	(ζ3 1.00)
18305-1408	12	-0.23	0.86	0.54	4.29	3331	15	18.34	-2.47	6	(β8 1.00)
18306+3657	11	-1.28	0.38	0.07	0.25	3333	0	65.34	19.49	18	(δ7 1.00)
18306-2106	23	0.88	1.30	0.46	2.24	3331	99	12.15	-5.70	3	(ε1 1.00)
18307-1143	23	1.58	1.18	3.73	3.76	3311	99	20.50	-1.40	2	(λ6 1.00)
18307-1159	23	1.06	1.66	2.67	3.81	3311	99	20.28	-1.52	2	(ε2 1.00)
18307-2511	12	0.31	0.87	0.08	1.42	3331	7	8.50	-7.58	3	(λ21 0.99)
18309-1318	22	0.31	1.77	0.26	4.84	3331	99	19.13	-2.18	3	(ζ3 1.00)
18309-6955	12	-0.50	0.95	-0.40	0.26	3333	12	325.01	-24.09	7	(β8 1.00)
18310-2834	22	1.30	2.41	1.00	-0.06	3331	99	5.47	-9.16	3	(ζ3 1.00)
18311-0809	22	0.05	3.64	4.20	1.78	2333	5	23.71	0.17	5	(γ1 1.00)
18312-1209	13	0.03	2.01	0.57	4.09	3331	97	20.18	-1.70	5	(ζ1 1.00)
18313+0340	23	0.94	0.68	-0.03	4.66	3331	97	34.24	5.60	3	(λ27 1.00)
18314-0808	33	0.85	1.61	2.20	6.62	3311	99	23.76	0.11	3	(ζ2 1.00)
18314-1131	11	-1.79	1.03	0.14	3.98	3331	99	20.76	-1.46	15	(β0 1.00)
18314-2759	33	1.33	2.27	1.06	0.93	3332	1	6.05	-8.97	3	(γ1 1.00)
18316-0101	23	0.89	0.17	0.78	3.72	3311	34	30.10	3.38	3	(α6 1.00)
18316-0602	11	0.24	3.51	3.99	1.98	3333	40	25.65	1.05	9	(ζ2 1.00)
18316-0746	32	0.53	2.34	2.88	3.06	2311	99	24.11	0.25	9	(ζ2 1.00)
18317-0757	21	-0.92	3.50	3.79	1.52	3222	99	23.95	0.15	15	(γ0 1.00)
18318+8637	23	1.28	0.07	0.29	3.23	3331	6	119.21	27.60	4	(δ2 0.99)
18319-0027	22	1.28	1.42	0.33	4.70	3331	99	30.63	3.58	3	(ε2 1.00)
18320-0352	11	-0.76	1.65	0.25	2.45	3331	99	27.60	1.98	9	(λ20 1.00)
18320-1918	12	0.11	0.64	-0.12	4.41	3331	22	13.91	-5.17	5	(λ24 1.00)
18321+0910	23	0.45	0.20	0.28	1.50	3331	98	39.27	7.91	3	(α6 1.00)
18321-1547	22	0.59	1.26	0.34	4.66	3331	87	17.06	-3.58	3	(β2 1.00)
18322-1345	22	-0.14	1.34	0.48	1.92	3332	8	18.87	-2.67	4	(ε1 1.00)
18323+1511	23	1.24	0.09	-0.08	2.65	3331	49	44.76	10.54	3	(δ3 1.00)
18323-1428	23	0.52	0.65	-0.07	5.74	3321	99	18.26	-3.02	3	(β10 1.00)
18324-1751	22	0.79	1.12	0.62	2.08	3333	99	15.25	-4.60	3	(β2 1.00)
18324-1918	22	0.04	0.08	0.06	4.81	3321	14	13.96	-5.26	9	(δ0 1.00)
18325-1138	11	-0.06	1.18	-0.15	5.95	3331	99	20.79	-1.75	5	(β0 1.00)
18326-6138	33	1.07	1.05	-0.14	1.38	3332	0	333.72	-22.02	2	(β6 1.00)
18328-1728	22	0.07	1.38	0.16	3.34	3331	83	15.64	-4.51	5	(β0 0.97)
18329+0625	23	0.76	0.83	-0.03	2.19	3331	8	36.88	6.50	3	(λ28 1.00)
18330-3222	22	-0.23	1.03	0.34	0.33	3331	12	2.20	-11.21	7	(λ28 1.00)
18330-3529	23	0.73	0.16	0.25	1.58	3331	14	359.31	-12.53	4	(δ6 1.00)
18333+0533	11	-2.56	1.62	0.34	-0.27	3333	99	36.15	6.03	26	(ζ4 1.00)
18333+5144	23	0.91	0.09	-0.01	2.14	3331	3	80.65	23.51	4	(δ2 0.97)
18333-0354	23	0.62	1.55	0.23	3.85	3311	37	27.73	1.66	3	(ε2 1.00)
18335+0738	13	0.47	0.46	0.19	1.87	3331	24	38.05	6.91	4	(λ25 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
18337+0123	23	0.99	0.70	-0.01	3.57	3321	17	32.48	4.03	3	(λ31 1.00)
18337-1956	23	1.02	0.27	0.58	3.28	3321	0	13.54	-5.83	4	(δ5 0.98)
18340+0335	23	0.88	0.98	0.01	4.26	3331	50	34.47	4.98	2	(β10 1.00)
18341+0005	22	-0.01	1.20	0.06	4.09	3321	99	31.37	3.34	4	(ε1 0.99)
18346-1223	22	0.70	1.11	0.09	5.63	3331	99	20.35	-2.54	4	(β10 1.00)
18347-0241	22	-0.49	1.12	0.53	2.54	3331	3	28.96	1.92	9	(λ28 1.00)
18349+1023	11	-3.51	0.68	0.17	-0.05	3333	97	40.68	7.84	42	(β0 1.00)
18352+3844	12	-0.42	0.12	1.72	0.89	3333	24	67.44	19.24	11	(δ0 1.00)
18352-1225	23	0.41	0.59	1.91	3.66	3311	20	20.41	-2.70	4	(λ7 1.00)
18354-1824	23	1.26	0.54	0.18	5.01	3331	0	15.09	-5.48	3	(λ1 1.00)
18354-3338	12	-0.19	0.62	0.00	0.45	3331	13	1.24	-12.21	6	(λ30 1.00)
18355+0227	22	0.63	1.24	-0.22	3.08	3331	99	33.64	4.11	3	(ε2 1.00)
18355-0532	22	0.15	3.88	3.71	1.69	3332	8	26.54	0.41	8	(γ0 1.00)
18355-0921	23	0.46	1.36	1.01	2.56	3323	99	23.15	-1.34	3	(ε2 1.00)
18356-1454	23	0.55	0.65	-0.51	5.86	3311	4	18.24	-3.93	4	(λ7 1.00)
18357-0604	23	0.05	1.18	1.76	4.32	3321	13	26.09	0.14	5	(ζ1 1.00)
18358-0542	22	0.61	1.07	2.93	5.59	3311	99	26.42	0.29	4	(η0 1.00)
18359+0847	11	-2.90	0.44	-0.14	0.17	3333	60	39.35	6.91	58	(λ30 1.00)
18359-0551	12	-0.30	1.24	2.95	2.50	3311	93	26.30	0.18	4	(β2 1.00)
18359-4313	23	0.25	-0.04	0.04	1.43	3331	2	352.23	-16.17	7	(δ1 1.00)
18360+2240	23	0.59	0.81	-0.23	0.97	3331	9	52.06	12.93	4	(β10 1.00)
18360-1349	23	0.72	0.25	1.70	4.45	3311	0	19.24	-3.51	4	(δ8 1.00)
18361+1108	33	0.77	0.88	-0.16	2.26	3331	99	41.50	7.92	3	(β9 1.00)
18361-1111	12	-0.05	1.40	0.11	4.78	2331	99	21.60	-2.33	5	(β0 1.00)
18361-1505	23	1.15	-0.20	0.98	5.70	3311	27	18.13	-4.12	3	(δ5 1.00)
18363-0523	13	-0.31	1.47	1.57	4.07	3311	61	26.76	0.33	3	(ε0 1.00)
18363-0759	22	1.11	1.36	1.59	4.82	3321	83	24.46	-0.90	4	(ε2 1.00)
18363-3336	23	0.54	0.85	-0.07	1.60	3331	49	1.36	-12.36	3	(β4 1.00)
18364+3937	12	-1.07	0.14	-0.10	0.05	3333	0	68.41	19.32	19	(δ0 1.00)
18364-3915	32	1.29	1.00	-0.04	1.26	3331	99	356.05	-14.69	3	(β2 1.00)
18365+0138	33	0.97	0.54	-0.43	4.10	3311	9	33.03	3.52	4	(δ6 1.00)
18366-0322	22	-0.36	1.57	-0.34	3.73	3311	24	28.58	1.18	7	(β0 1.00)
18366-0343	23	0.15	0.93	2.54	3.68	3311	99	28.27	1.03	4	(β9 1.00)
18367+0306	13	0.81	0.61	0.49	2.87	3331	0	34.35	4.14	3	(λ28 1.00)
18367-0452	11	-1.03	1.34	0.88	4.07	3331	99	27.26	0.47	11	(λ20 1.00)
18367-2842	22	-0.29	0.89	0.06	0.72	3331	16	5.91	-10.33	5	(β8 1.00)
18367-6047	23	0.55	1.38	0.40	-0.13	3331	99	334.77	-22.24	3	(β2 1.00)
18369-1034	23	-0.10	1.38	0.44	4.18	3331	98	22.23	-2.22	6	(λ24 1.00)
18370+1038	23	0.53	0.47	0.17	3.53	3331	99	41.14	7.49	4	(α5 1.00)
18372+1147	22	0.20	0.69	-0.13	1.68	3331	7	42.20	7.97	5	(λ30 1.00)
18372-7128	23	0.80	0.00	-0.14	1.85	3331	30	323.48	-24.95	4	(δ2 1.00)
18373-0021	11	-1.85	1.19	-0.11	1.04	3331	99	31.34	2.42	12	(ε1 1.00)
18373-0922	22	-0.36	1.44	0.16	4.62	3131	30	23.33	-1.74	5	(ε1 1.00)
18374-1516	13	0.74	0.65	0.34	3.20	3322	35	18.10	-4.47	3	(λ18 1.00)
18375+0510	22	0.10	1.30	-0.33	1.97	3331	99	36.29	4.92	4	(β2 1.00)
18375+0955	13	-0.12	0.28	-0.03	3.15	3331	3	40.55	7.06	8	(λ25 1.00)
18375-1010	23	0.70	0.63	0.53	5.57	3321	93	22.66	-2.16	3	(λ28 0.99)
18376-0710	23	-0.03	1.22	2.03	3.39	3311	24	25.33	-0.81	5	(β11 1.00)
18377-0316	23	0.87	1.50	0.96	4.14	3311	99	28.81	0.98	3	(λ21 1.00)
18378-2607	23	0.54	0.89	-0.08	3.25	3331	5	8.37	-9.43	4	(λ12 0.99)
18378-3731	11	-0.90	0.56	0.13	0.81	3333	33	357.80	-14.25	12	(λ30 1.00)
18379-0500	23	0.01	2.28	4.73	1.69	1333	16	27.28	0.14	4	(ζ3 1.00)
18381+0020	13	0.02	1.17	0.21	2.76	3331	99	32.06	2.56	3	(ε2 0.85)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
18383+4017	23	0.87	0.30	0.09	1.41	3331	8	69.20	19.21	5	(δ1 1.00)
18385-0617	12	-0.69	1.99	1.60	2.06	3311	99	26.20	-0.58	8	(ζ0 1.00)
18387-0423	12	-2.63	1.42	0.42	3.79	3311	72	27.92	0.24	40	(β11 1.00)
18389+7416	12	0.53	0.46	-0.27	1.26	3331	3	105.32	26.97	4	(λ28 1.00)
18392+0623	12	0.17	1.03	-0.34	3.58	3331	12	37.57	5.09	4	(β1 1.00)
18392-0358	33	0.71	1.17	2.46	4.22	3311	5	28.35	0.32	2	(ζ2 1.00)
18392-0630	23	0.40	1.24	0.97	4.76	3311	99	26.11	-0.85	5	(α6 1.00)
18392-0703	33	1.27	0.83	3.39	3.66	1311	99	25.60	-1.09	3	(β7 1.00)
18394+2845	23	0.30	0.93	0.31	0.90	3333	27	58.11	14.70	4	(λ12 1.00)
18394-1611	33	1.30	0.88	0.49	4.11	3331	99	17.51	-5.34	2	(β7 1.00)
18395-0248	12	-1.24	1.12	0.85	2.98	3332	47	29.42	0.81	10	(β11 1.00)
18395-0723	33	0.98	0.15	3.66	3.86	3311	10	25.36	-1.31	4	(α3 1.00)
18396-0807	23	1.17	2.26	0.96	4.24	3331	99	24.71	-1.68	2	(ζ3 1.00)
18396-4549	12	-0.10	0.69	-0.09	0.90	3332	15	349.97	-17.76	7	(λ25 1.00)
18397+1738	11	-3.19	0.69	0.38	-0.06	3333	99	47.78	10.01	99	(α0 1.00)
18397-0254	33	0.74	1.49	2.57	4.12	3311	98	29.35	0.70	3	(λ21 1.00)
18398+1035	23	0.96	0.99	0.20	1.55	3331	64	41.41	6.87	2	(β10 1.00)
18398-0220	11	-3.24	0.66	0.20	1.11	3331	99	29.86	0.96	89	(λ30 1.00)
18399+0434	23	0.90	0.54	0.28	3.29	3311	27	36.02	4.12	3	(λ11 1.00)
18399-0149	23	0.92	1.23	1.25	3.89	3311	88	30.33	1.17	3	(β5 1.00)
18399-1920	12	-1.17	0.18	0.12	2.43	3331	9	14.74	-6.85	18	(δ0 1.00)
18400-0704	12	-0.15	1.29	0.37	4.79	3331	99	25.69	-1.27	6	(λ20 1.00)
18400-1213	22	0.19	1.19	-0.06	4.06	3331	13	21.11	-3.65	4	(β11 1.00)
18400-1645	23	1.17	1.38	-0.04	3.90	3331	94	17.07	-5.72	3	(β3 1.00)
18401+1358	22	0.87	0.77	0.14	2.26	3332	4	44.49	8.29	3	(λ28 1.00)
18401+2854	11	-1.30	0.98	-0.32	-0.55	3332	4	58.30	14.63	11	(λ34 1.00)
18402-4717	23	0.38	0.92	-0.13	0.57	3331	8	348.57	-18.37	4	(λ12 1.00)
18402-6008	33	1.37	0.52	-0.14	2.19	3321	4	335.56	-22.47	3	(λ16 1.00)
18406-4324	12	-0.75	0.76	-0.35	-0.12	3331	99	352.39	-17.02	8	(β1 1.00)
18407-0619	23	0.86	2.04	0.87	3.19	3322	51	26.43	-1.08	4	(ζ1 1.00)
18407-6010	23	0.81	0.93	-0.23	1.07	3331	19	335.56	-22.55	2	(β9 1.00)
18409+0431	12	0.26	1.55	0.13	1.66	3331	99	36.10	3.85	3	(ε1 1.00)
18409+1220	12	-1.21	0.99	-0.21	1.14	3331	99	43.10	7.41	11	(β0 1.00)
18410+3654	13	0.24	0.27	0.54	0.78	3333	39	66.07	17.51	6	(λ25 1.00)
18413+1354	11	-2.25	1.14	-0.24	-0.13	3333	99	44.56	8.02	28	(β0 1.00)
18413-2408	23	0.78	0.69	0.09	1.62	3331	15	10.53	-9.29	3	(λ18 1.00)
18414-0527	11	-0.23	1.11	0.26	5.15	3321	99	27.29	-0.84	5	(ε1 1.00)
18417-0103	12	-0.25	1.48	1.66	3.68	3311	99	31.22	1.13	5	(ε1 1.00)
18418+0204	22	0.36	0.89	-0.32	4.14	3311	99	34.02	2.55	4	(λ21 0.97)
18418+0217	22	0.71	0.91	-0.13	4.15	3311	97	34.21	2.63	3	(β10 1.00)
18418-0532	23	1.27	1.08	3.38	3.00	3311	99	27.26	-0.97	3	(β10 1.00)
18420-0916	23	1.16	0.46	3.04	3.60	3311	0	23.96	-2.72	3	(α6 1.00)
18421+1147	11	-0.67	0.31	0.17	2.51	3331	99	42.74	6.88	8	(α0 1.00)
18422-0054	23	0.98	0.79	3.55	3.73	3311	17	31.41	1.08	3	(η0 1.00)
18424+0346	12	-0.66	0.78	0.41	1.61	3331	97	35.60	3.18	9	(α0 1.00)
18425+1727	12	0.14	1.08	0.07	1.85	3331	13	47.91	9.32	4	(β0 0.80)
18425-0736	23	0.45	1.46	0.37	4.64	3321	99	25.51	-2.07	4	(ε1 1.00)
18425-1014	12	0.21	1.26	0.23	3.80	3331	99	23.17	-3.28	4	(β0 1.00)
18429-1721	11	-0.90	1.03	-0.01	1.66	3331	99	16.84	-6.60	13	(β1 1.00)
18430+0506	23	-0.03	0.39	0.05	2.51	3331	97	36.85	3.67	5	(δ8 1.00)
18430-0032	13	0.52	0.64	3.42	3.42	3311	69	31.83	1.07	4	(α4 1.00)
18430-0634	12	0.21	1.43	1.77	3.51	3311	99	26.48	-1.71	5	(ε1 1.00)
18430-1939	22	-0.12	0.09	0.01	3.65	3331	10	14.78	-7.65	9	(δ0 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
18432+1343	22	0.67	1.23	-0.12	1.07	3331	99	44.60	7.51	4	(β2 1.00)
18433+0524	23	0.74	1.13	0.09	2.64	3331	82	37.15	3.74	4	(β2 1.00)
18433+0841	23	0.85	0.16	0.71	2.45	3331	27	40.09	5.23	4	(δ2 1.00)
18433-2226	23	0.88	-0.05	0.86	3.73	3331	40	12.28	-8.94	6	(δ8 0.93)
18436+4334	12	-0.90	1.29	0.08	0.08	3333	99	72.84	19.41	9	(β0 1.00)
18436-2941	23	0.43	-0.03	-0.05	1.63	3331	0	5.66	-12.11	5	(δ1 1.00)
18437-0643	22	-0.53	1.95	0.51	3.60	3331	13	26.42	-1.94	8	(ζ4 1.00)
18438-0547	33	1.58	0.61	3.25	3.48	3311	63	27.27	-1.52	3	(ε2 0.98)
18443-2024	33	1.32	0.57	0.03	4.18	3331	23	14.23	-8.25	3	(λ31 1.00)
18443-2215	23	0.78	1.33	0.17	2.97	3331	15	12.56	-9.07	3	(λ6 1.00)
18444+2143	33	1.27	0.94	-0.20	3.21	3331	19	52.01	10.77	2	(λ6 1.00)
18444-2400	23	0.96	0.18	0.46	2.00	3332	18	10.98	-9.86	3	(δ7 1.00)
18448+0523	23	0.62	0.61	1.76	1.57	3331	4	37.33	3.39	4	(δ5 0.99)
18448-0545	23	0.33	0.68	1.75	4.19	3331	0	27.40	-1.72	5	(δ8 1.00)
18449-0454	22	0.68	1.17	0.80	4.90	3321	99	28.17	-1.36	3	(β2 1.00)
18450-0922	11	-1.13	1.22	0.16	2.72	3331	72	24.22	-3.44	9	(ε1 1.00)
18451-0824	11	-1.35	1.13	0.03	3.07	3331	5	25.09	-3.02	12	(β0 1.00)
18452-1948	13	0.16	0.57	-0.10	3.32	3331	99	14.87	-8.18	4	(β1 1.00)
18454-1226	23	0.49	0.87	-0.40	4.54	3331	0	21.53	-4.92	4	(λ24 0.65)
18454-2233	22	0.56	0.78	0.08	3.23	3331	1	12.40	-9.44	3	(λ27 1.00)
18457-0116	33	-0.22	1.29	2.53	2.52	3312	99	31.49	0.14	3	(ε0 1.00)
18457-4507	33	1.31	0.64	0.30	1.51	3331	99	351.07	-18.49	3	(β7 1.00)
18458+2444	23	0.75	0.88	-0.31	2.65	3331	0	54.94	11.76	3	(λ21 1.00)
18459-0624	23	0.58	0.89	1.14	4.45	1331	99	26.96	-2.28	3	(β2 1.00)
18459-1144	12	-0.41	0.82	-0.14	3.41	3331	99	22.20	-4.71	5	(β1 1.00)
18460+1903	22	0.08	0.93	0.05	0.93	3333	1	49.74	9.26	5	(β8 1.00)
18462+1208	23	1.30	1.11	-0.56	4.23	3331	12	43.52	6.15	2	(β6 1.00)
18462-0133	33	0.59	1.71	4.83	2.92	1231	99	31.30	-0.11	7	(ζ1 1.00)
18463-0052	23	0.77	2.00	4.57	1.93	3323	8	31.91	0.20	6	(ζ1 1.00)
18463-1706	23	0.56	0.39	0.31	3.57	3331	45	17.43	-7.22	4	(α6 1.00)
18464-0656	11	-1.18	1.49	0.32	2.65	3331	99	26.54	-2.63	9	(λ20 1.00)
18465-0717	13	0.60	1.58	0.34	4.09	3331	98	26.25	-2.81	3	(η0 1.00)
18467-4802	11	-2.51	1.76	0.19	-0.14	3333	99	348.22	-19.65	27	(ζ4 1.00)
18470+0832	12	0.62	0.63	-0.17	2.87	3331	12	40.37	4.36	4	(λ25 1.00)
18471-0259	12	0.14	1.19	1.97	3.45	3311	12	30.12	-0.96	4	(ε1 1.00)
18471-0942	12	0.51	0.74	0.01	4.84	3331	71	24.15	-4.05	3	(λ21 1.00)
18473-0540	23	0.51	0.54	0.75	5.46	3331	99	27.78	-2.25	4	(α4 1.00)
18473-6423	23	0.70	0.74	-0.14	1.05	3331	3	331.32	-24.34	4	(β10 1.00)
18475+0926	11	-2.24	0.93	0.17	-0.20	3333	99	41.23	4.65	27	(λ30 1.00)
18476+0555	11	-0.37	1.40	0.09	1.98	3331	99	38.12	3.03	5	(ε1 1.00)
18477+0243	23	1.10	1.34	0.41	4.23	3311	97	35.27	1.54	2	(λ21 1.00)
18477+4727	12	0.02	0.15	0.10	0.68	3331	1	76.98	20.02	8	(δ0 1.00)
18478-1643	12	0.39	1.29	0.27	2.11	3331	4	17.94	-7.36	3	(ε1 0.96)
18479-0005	32	-0.12	3.99	4.62	1.53	3333	0	32.80	0.19	5	(γ1 1.00)
18481+0405	33	1.00	1.92	0.52	3.28	3331	99	36.54	2.07	3	(ζ3 1.00)
18481-0346	22	0.25	1.56	1.52	4.19	3311	24	29.55	-1.54	4	(ε1 1.00)
18481-0647	13	0.29	0.08	1.19	4.62	3331	99	26.86	-2.94	5	(α5 1.00)
18482+0020	33	1.17	1.43	2.79	3.27	3311	9	33.22	0.32	3	(ζ2 1.00)
18482+0051	22	0.04	1.35	1.58	4.08	2311	98	33.67	0.56	4	(η0 1.00)
18484-1055	22	0.50	1.39	0.02	1.80	3331	99	23.21	-4.88	4	(β0 0.95)
18485-5450	22	0.23	1.13	0.35	0.21	3331	99	341.41	-22.04	5	(β1 1.00)
18487+0135	22	0.42	0.63	2.78	4.01	3311	62	34.38	0.79	5	(α4 1.00)
18487+0205	13	0.86	1.38	2.35	3.47	3311	35	34.83	1.03	3	(η1 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
18490+1158	33	1.24	1.50	0.05	1.71	3331	97	43.67	5.46	3	(β6 1.00)
18491-0207	33	1.77	3.12	3.74	1.06	3323	98	31.13	-1.02	3	(ζ2 1.00)
18493-0413	12	-0.07	1.10	-0.36	5.74	3331	87	29.29	-2.03	4	(ε1 0.96)
18494+1209	12	-0.23	0.90	0.00	1.09	3331	95	43.88	5.47	5	(β11 1.00)
18498-0524	13	0.70	0.33	0.95	2.86	3322	31	28.30	-2.66	4	(δ8 0.61)
18498-4058	21	-0.14	0.78	-0.22	0.23	3331	2	355.42	-17.72	4	(β8 1.00)
18499-0316	13	0.53	0.79	1.32	3.50	3312	4	30.21	-1.72	4	(η1 0.99)
18501+1019	12	1.00	1.70	0.44	1.49	3331	99	42.32	4.47	3	(ε1 1.00)
18501-0134	23	0.15	0.85	1.52	3.68	3311	99	31.74	-0.99	4	(β2 1.00)
18501-2132	12	-0.91	0.93	0.07	0.10	3333	99	13.81	-9.97	9	(λ34 1.00)
18502-0042	33	0.98	0.96	2.38	4.21	3311	99	32.52	-0.60	3	(β10 1.00)
18502-0253	12	-0.92	1.19	-0.13	4.31	3331	98	30.59	-1.62	8	(β1 1.00)
18504+5919	23	1.26	-0.00	-0.26	2.44	3321	0	89.31	23.14	3	(δ2 1.00)
18506-0037	23	0.79	0.99	2.13	3.85	3311	18	32.63	-0.66	2	(λ21 1.00)
18506-1641	13	0.55	0.96	-0.27	3.42	3331	99	18.26	-7.95	3	(β9 1.00)
18507+0057	21	0.10	1.66	4.36	2.09	2331	3	34.05	0.05	6	(η0 1.00)
18508-4916	23	0.99	1.07	0.26	0.58	3331	99	347.23	-20.70	3	(β2 1.00)
18512+2029	12	-0.26	1.50	-0.13	-0.19	3331	99	51.60	8.79	5	(β0 1.00)
18512-0934	12	-0.15	1.21	0.14	3.12	3331	99	24.73	-4.89	4	(β0 1.00)
18513+0235	22	0.28	1.35	0.58	4.70	3321	20	35.57	0.66	3	(θ0 1.00)
18516+4055	12	-0.02	0.14	-0.27	1.04	3331	7	70.79	17.08	8	(δ0 1.00)
18516-0652	22	0.86	0.91	0.19	4.37	3331	99	27.18	-3.74	3	(β2 0.93)
18517-0407	22	0.07	1.14	0.39	2.50	3332	91	29.64	-2.51	4	(β0 1.00)
18518+0358	32	0.53	1.52	0.29	3.56	3311	83	36.86	1.21	3	(ε2 1.00)
18518-0117	23	0.97	1.13	2.32	3.89	3311	99	32.17	-1.22	3	(β3 1.00)
18520-0221	23	0.60	0.69	0.73	4.25	3311	26	31.25	-1.77	3	(α4 1.00)
18520-1635	12	-1.34	0.90	-0.29	1.22	3331	5	18.51	-8.20	14	(β8 1.00)
18521+1034	13	0.19	0.15	0.12	3.18	3331	0	42.76	4.16	7	(δ0 1.00)
18523-0125	22	0.22	1.18	1.49	3.76	3311	3	32.12	-1.39	4	(β11 1.00)
18526-0006	32	0.50	0.81	0.99	4.91	3331	94	33.33	-0.87	3	(ζ1 1.00)
18527+3650	11	-1.85	0.20	0.03	-0.25	3333	5	66.93	15.32	34	(δ0 1.00)
18527-0815	33	1.54	0.30	0.50	4.80	3321	25	26.09	-4.61	3	(α1 1.00)
18528+1037	23	0.37	0.74	0.07	2.38	3331	84	42.89	4.03	3	(λ21 1.00)
18530+0507	23	0.99	1.62	2.32	3.68	3311	99	38.02	1.47	3	(λ6 0.95)
18530+0817	11	-0.47	1.29	-0.05	4.03	3331	99	40.82	2.92	5	(ε1 1.00)
18530-1743	23	0.51	0.97	-0.04	3.07	3331	99	17.58	-8.92	4	(β9 1.00)
18531+0016	11	-0.63	1.27	0.44	4.28	3321	21	33.73	-0.79	7	(ε2 0.99)
18532-0515	33	0.92	0.99	0.27	4.62	3321	99	28.82	-3.36	3	(β2 1.00)
18535+0726	11	-0.87	1.68	-0.09	3.29	3331	99	40.13	2.42	5	(ζ4 1.00)
18536-0019	13	0.77	1.16	2.17	3.83	3311	11	33.24	-1.17	3	(β3 1.00)
18537-1035	11	-0.68	0.42	-0.07	1.28	3332	16	24.11	-5.89	12	(λ25 1.00)
18538-4148	23	1.21	0.88	-0.14	2.12	3332	18	354.89	-18.71	2	(β3 1.00)
18540+0302	12	0.46	2.06	0.85	3.82	3321	99	36.29	0.28	4	(ζ4 1.00)
18540+3005	12	-1.10	0.86	-0.31	0.92	3331	99	60.68	12.35	8	(β1 1.00)
18542+0430	23	1.10	1.07	2.08	4.40	3311	99	37.60	0.91	4	(α4 1.00)
18545+1040	12	-0.58	1.07	-0.21	1.46	3331	81	43.12	3.68	6	(β0 1.00)
18547-2110	23	0.39	-0.00	0.23	1.52	3331	3	14.61	-10.78	6	(δ1 0.99)
18548+0637	23	1.17	0.58	1.28	3.53	3311	9	39.56	1.75	3	(λ1 1.00)
18549+0208	33	0.84	2.39	1.67	2.43	3333	99	35.58	-0.33	5	(ζ3 1.00)
18549+0905	12	0.23	1.34	0.01	2.74	3331	99	41.76	2.86	5	(β2 0.99)
18550+0023	23	-0.07	0.80	0.14	5.50	3331	16	34.03	-1.15	5	(β8 1.00)
18550+0130	11	-0.55	1.60	1.17	2.51	3331	71	35.04	-0.64	7	(ζ4 1.00)
18551+0323	11	-1.08	1.62	0.44	3.31	2231	99	36.71	0.20	19	(λ20 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
18551+1345	11	-0.78	0.91	0.37	0.59	3331	35	45.94	4.95	9	(λ20 1.00)
18552-0600	22	0.84	1.38	0.34	3.91	3331	99	28.37	-4.13	3	(β2 1.00)
18554+0231	12	-0.66	1.68	0.20	3.53	3321	90	35.98	-0.27	7	(ζ4 1.00)
18556+0811	11	-1.41	1.34	-0.41	3.34	3331	99	41.04	2.29	14	(β0 1.00)
18556+2027	33	0.72	0.66	-0.02	1.47	3331	99	52.02	7.85	3	(β4 1.00)
18559+0103	33	1.58	2.24	1.23	4.63	3331	87	34.74	-1.06	3	(ζ2 1.00)
18560+0638	11	-2.46	1.77	0.59	-0.27	3331	94	39.71	1.50	32	(ζ0 1.00)
18560-2954	21	-3.39	0.84	0.09	-0.15	3333	99	6.58	-14.66	46	(β0 1.00)
18561+1642	23	0.57	0.66	-0.00	2.42	3331	75	48.70	6.07	3	(λ24 1.00)
18562+1417	13	0.10	0.22	0.76	2.43	3331	0	46.54	4.96	7	(δ8 1.00)
18564+0232	23	1.60	1.96	1.84	3.63	3311	99	36.12	-0.48	3	(ζ3 1.00)
18564-1920	13	0.35	-0.01	0.17	3.48	3331	14	16.46	-10.35	6	(δ1 1.00)
18566+0408	33	0.74	3.49	4.08	1.61	3333	90	37.55	0.20	5	(ζ2 1.00)
18567+0003	12	-0.09	1.46	-0.10	4.75	3331	44	33.94	-1.70	4	(ε1 1.00)
18567+1046	22	0.45	1.32	0.02	2.20	3331	99	43.47	3.24	4	(β0 1.00)
18569+0518	23	0.90	0.75	2.62	4.08	3321	7	38.63	0.68	3	(λ31 0.95)
18572+0618	23	1.29	0.97	1.27	3.75	1311	95	39.55	1.09	3	(β2 1.00)
18573+0120	22	0.12	0.80	0.18	5.34	3321	38	35.15	-1.23	5	(λ27 0.93)
18573+0334	23	0.54	1.07	1.89	3.85	3311	92	37.13	-0.20	3	(β3 1.00)
18575-0139	13	0.61	0.41	0.59	5.51	3331	98	32.51	-2.66	3	(λ18 1.00)
18578+0951	23	0.56	1.35	0.20	2.66	3331	99	42.78	2.58	2	(λ6 0.99)
18578+2244	23	0.26	0.01	0.21	1.62	3331	18	54.32	8.41	7	(δ1 1.00)
18580-0747	22	0.22	1.21	-0.08	2.95	3331	14	27.11	-5.58	4	(β1 0.96)
18581+3204	23	1.14	-0.04	-0.01	2.41	3311	0	62.91	12.38	4	(δ3 1.00)
18582-2730	23	1.11	1.14	0.15	1.29	3332	98	9.05	-14.15	3	(β4 0.98)
18585+0900	12	-0.76	1.68	0.27	1.03	3331	97	42.09	2.05	8	(ζ4 1.00)
18586+0106	23	1.94	2.21	4.95	2.13	3323	5	35.10	-1.62	3	(ζ0 1.00)
18586+4036	13	0.65	0.14	-0.19	1.62	3331	20	71.00	15.73	5	(δ1 0.94)
18586-1249	12	-0.67	0.48	0.21	-0.03	3331	98	22.63	-7.97	10	(λ25 0.99)
18587-0534	23	0.77	1.02	0.19	4.19	3331	5	29.17	-4.72	3	(β4 1.00)
18588+0428	33	1.05	1.77	2.35	4.34	3321	94	38.10	-0.13	4	(ζ2 1.00)
18588+1400	12	0.47	1.62	-0.19	1.53	3331	99	46.58	4.28	3	(ε2 1.00)
18588-1915	12	0.11	1.41	0.02	1.56	3331	99	16.80	-10.83	3	(ε1 1.00)
18589+0815	23	0.82	0.92	0.44	3.43	3321	1	41.47	1.59	3	(λ24 1.00)
18589-0548	23	1.03	-0.01	0.77	4.94	3311	16	28.97	-4.88	4	(δ2 1.00)
18595-3947	21	-4.45	0.76	-0.21	-0.18	3333	99	357.29	-19.02	128	(β0 1.00)
18598+1009	23	0.98	0.48	0.72	3.06	3321	0	43.27	2.28	3	(δ7 1.00)
18599+2246	23	0.85	0.21	0.13	2.07	3331	0	54.55	8.00	4	(δ8 1.00)
19002+0822	23	0.26	0.83	0.19	3.09	3321	11	41.73	1.38	4	(λ24 1.00)
19005+0843	22	0.53	1.76	0.49	2.61	3331	99	42.06	1.46	3	(η0 1.00)
19007+5745	23	1.26	0.44	0.03	1.72	3321	14	88.09	21.41	3	(λ15 1.00)
19007-2247	11	-1.59	0.69	0.58	0.52	3333	20	13.72	-12.72	22	(λ30 1.00)
19007-3826	11	-1.83	1.11	0.44	-0.06	3333	99	358.70	-18.77	19	(ε1 1.00)
19008+0726	11	-3.01	0.57	0.16	2.56	3331	3	40.97	0.80	61	(λ30 1.00)
19008+4708	23	1.13	0.67	-0.06	1.44	3331	8	77.48	17.83	2	(λ18 1.00)
19010-1928	23	1.09	0.86	0.18	3.03	3331	5	16.83	-11.39	3	(λ6 1.00)
19011+0638	21	0.26	1.73	1.72	1.73	3332	0	40.28	0.37	4	(ζ3 1.00)
19011+0818	23	0.74	0.56	1.92	2.55	3311	7	41.76	1.13	3	(ε3 1.00)
19014+2904	12	0.31	1.09	-0.10	2.08	3331	8	60.44	10.45	4	(β2 1.00)
19016-2149	23	0.96	-0.03	-0.13	2.62	3321	13	14.71	-12.51	4	(δ2 1.00)
19017+0608	23	0.59	2.24	0.98	3.24	3331	99	39.91	0.02	4	(ζ3 1.00)
19017-0545	11	-1.81	0.07	0.57	0.38	3333	0	29.33	-5.46	28	(δ0 1.00)
19021+0936	12	0.50	1.04	0.23	3.21	3331	99	43.04	1.52	3	(β2 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
19023+0204	23	0.55	0.95	-0.38	5.99	3321	99	36.38	-2.01	3	(β3 0.87)
19023-0712	23	0.94	0.62	-0.04	4.21	3331	6	28.10	-6.27	3	(λ31 1.00)
19026-2528	22	0.24	1.14	0.94	1.14	3333	1	11.38	-14.22	4	(λ28 1.00)
19027-1246	23	0.68	0.61	-0.08	1.64	3332	97	23.13	-8.84	4	(λ24 1.00)
19029+0808	11	-1.13	1.28	0.53	1.46	3331	96	41.83	0.67	11	(λ20 1.00)
19029+0839	13	0.46	0.98	0.67	3.06	3311	99	42.28	0.91	5	(α4 1.00)
19029+0933	22	0.48	1.40	0.54	2.59	3311	75	43.09	1.32	4	(ε1 1.00)
19029+2017	12	-1.07	0.76	0.22	-0.00	3332	99	52.64	6.25	16	(α0 1.00)
19029+2305	33	1.61	1.14	0.16	2.04	3331	99	55.16	7.53	3	(β7 1.00)
19030+3140	33	1.38	0.09	0.23	4.08	3331	0	62.98	11.26	3	(δ3 1.00)
19031+2702	12	-0.57	0.80	0.01	0.37	3333	0	58.77	9.23	9	(λ30 1.00)
19032+1715	22	0.54	1.19	-0.03	1.45	3331	99	49.96	4.81	3	(β2 0.96)
19032-4137	13	0.53	0.16	-0.07	1.36	3331	0	355.71	-20.30	5	(δ1 1.00)
19032-4602	11	-1.37	1.09	-0.12	0.16	3333	15	351.20	-21.70	15	(β11 0.97)
19035+0451	23	0.50	1.29	0.50	5.34	2311	10	38.97	-0.98	4	(λ28 0.99)
19036-0002	22	0.05	0.98	-0.39	4.70	3331	99	34.66	-3.28	4	(β2 1.00)
19038-2744	22	0.09	-0.03	-0.01	1.30	3331	1	9.34	-15.37	15	(δ2 1.00)
19039+0809	21	-2.88	1.02	1.27	0.55	3311	99	41.95	0.45	55	(β8 0.95)
19039-4839	12	-0.63	1.01	-0.01	0.46	3333	13	348.55	-22.56	8	(λ34 1.00)
19040+2416	23	0.97	0.96	-0.05	2.04	3331	4	56.34	7.82	2	(λ10 1.00)
19042-4858	11	-2.15	1.03	-0.23	-0.17	3333	99	348.22	-22.70	24	(β0 1.00)
19043+0823	23	0.96	0.93	2.12	2.63	3311	91	42.22	0.48	3	(η1 1.00)
19043+1009	11	-0.72	1.54	0.10	1.86	3331	80	43.78	1.30	7	(ε1 1.00)
19044-2856	12	0.43	0.78	-0.10	1.03	3331	87	8.24	-15.96	4	(β8 1.00)
19045+0704	22	-0.50	0.41	0.87	6.76	3311	12	41.06	-0.17	11	(λ28 1.00)
19047-1706	12	-1.19	0.66	-0.10	0.23	3332	2	19.39	-11.16	12	(λ34 1.00)
19048-0112	23	1.25	0.04	0.49	5.49	3311	0	33.76	-4.07	3	(δ4 1.00)
19050-4226	23	1.47	0.65	-0.14	2.03	3331	95	354.99	-20.88	2	(λ1 1.00)
19053+3006	23	0.93	0.90	0.19	1.57	3332	16	61.77	10.15	3	(β9 1.00)
19055+0613	12	-1.36	0.57	0.17	3.71	3331	58	40.43	-0.79	17	(λ30 1.00)
19055+0751	23	1.02	1.58	3.30	1.75	3111	99	41.88	-0.03	4	(λ21 1.00)
19057+0425	33	1.25	0.56	2.66	4.24	3311	12	38.85	-1.68	3	(λ31 1.00)
19058-0718	23	0.93	1.22	-0.31	1.86	3331	6	28.41	-7.07	3	(β6 1.00)
19059-2219	11	-2.53	1.22	-0.10	-0.14	3333	99	14.66	-13.61	31	(β0 1.00)
19061+3424	23	0.63	1.02	-0.23	0.76	3331	99	65.79	11.85	3	(β4 0.99)
19061-1226	13	0.67	0.61	-0.20	1.54	3331	45	23.81	-9.44	3	(λ24 1.00)
19061-1514	23	1.33	1.29	-0.08	1.13	3331	99	21.24	-10.66	3	(β7 1.00)
19065+0832	22	0.37	2.58	1.34	2.59	3331	98	42.60	0.07	6	(ζ2 1.00)
19065+3904	12	0.03	0.24	-0.01	2.40	3331	13	70.17	13.73	8	(δ0 1.00)
19065-4436	23	0.62	0.64	0.29	0.62	3331	18	352.88	-21.82	3	(λ18 1.00)
19068+0544	12	-0.56	0.73	0.69	3.88	3331	99	40.14	-1.29	8	(α4 0.69)
19068+1127	22	0.48	1.62	-0.02	3.20	3331	99	45.22	1.37	3	(ε2 1.00)
19071+2934	12	0.09	1.04	0.06	1.75	3331	99	61.45	9.57	5	(β8 1.00)
19075+0921	11	-1.68	1.78	0.69	1.49	3331	93	43.44	0.23	12	(ζ4 1.00)
19076+0614	23	0.98	1.17	1.69	4.11	3311	97	40.69	-1.25	3	(β2 0.99)
19078+2759	23	0.56	0.44	-0.23	1.68	3331	98	60.08	8.73	3	(λ24 1.00)
19080-1509	23	0.40	0.16	0.02	1.42	3331	7	21.52	-11.03	6	(δ1 0.99)
19083+0851	12	-0.42	1.41	-0.02	3.86	3321	77	43.08	-0.19	5	(η0 1.00)
19088+1129	23	0.64	1.39	-0.67	3.95	3311	99	45.47	0.94	3	(β2 1.00)
19088+2154	23	0.95	1.06	-0.17	3.70	3331	0	54.72	5.76	2	(λ6 1.00)
19089+1542	21	0.20	2.23	1.47	0.52	3333	0	49.21	2.89	3	(ε0 1.00)
19090+1746	12	0.35	0.98	0.53	1.81	3331	99	51.06	3.82	3	(β3 1.00)
19091+1318	23	0.78	0.74	-0.27	3.93	3311	78	47.11	1.73	3	(β10 0.76)

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Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
19093+1026	22	0.84	1.31	1.87	4.09	3311	97	44.60	0.33	3	(η0 1.00)
19093-3256	11	-2.63	1.11	-0.13	-0.15	3333	99	4.79	-18.44	45	(β0 1.00)
19095+0930	23	1.82	5.03	4.70	1.61	3333	10	43.79	-0.13	3	(γ0 1.00)
19095-2311	12	-0.33	0.74	-0.04	0.32	3331	99	14.19	-14.74	8	(β1 1.00)
19097+0847	22	0.44	3.32	4.15	1.79	3333	62	43.18	-0.52	6	(ζ0 1.00)
19097+3231	13	0.70	0.69	-0.22	2.50	3331	0	64.40	10.36	3	(λ24 1.00)
19098+6601	22	-0.42	1.02	-0.01	0.31	3333	22	96.95	22.81	7	(β8 1.00)
19098-1502	12	-0.52	0.97	-0.16	0.08	3333	99	21.83	-11.39	6	(β0 1.00)
19099+6711	11	0.10	0.54	-0.08	0.36	3332	3	98.18	23.13	5	(λ30 1.00)
19102+0548	13	0.65	0.50	1.70	3.57	3311	8	40.60	-2.02	4	(λ28 1.00)
19103+0935	22	0.86	1.46	3.48	2.20	3332	9	43.97	-0.27	3	(ε2 1.00)
19106-1812	13	0.79	0.63	-0.01	1.33	3331	62	18.97	-12.91	3	(λ21 1.00)
19107+4113	22	0.72	0.66	-0.49	2.95	3331	38	72.52	13.89	3	(λ28 1.00)
19108+1155	12	-0.10	0.49	0.42	3.40	3331	88	46.08	0.70	7	(α0 1.00)
19109+0657	23	0.75	0.38	-0.09	5.98	3321	98	41.71	-1.64	3	(α6 1.00)
19109-1856	23	1.17	0.82	-0.34	1.60	3331	10	18.32	-13.29	3	(β10 1.00)
19111+1048	22	-2.37	3.43	3.45	1.37	3333	9	45.12	0.13	34	(γ0 1.00)
19111+1404	12	0.08	0.92	0.03	3.32	3331	87	48.01	1.66	4	(λ21 1.00)
19111+2555	12	-0.43	0.76	0.45	0.20	3331	99	58.55	7.13	9	(λ30 1.00)
19111-0535	13	0.60	0.79	-0.08	3.70	3331	7	30.56	-7.47	3	(λ27 1.00)
19113+0232	13	0.48	0.14	0.15	4.93	3331	7	37.84	-3.79	5	(δ8 0.96)
19115+0752	33	1.84	1.41	2.51	3.60	3311	0	42.58	-1.35	2	(α3 1.00)
19118+1020	23	1.20	0.55	2.29	3.79	3311	13	44.79	-0.24	3	(λ6 1.00)
19118+4653	12	-0.28	0.64	-0.20	0.22	3331	99	77.98	16.00	6	(λ30 1.00)
19120+0917	22	0.77	4.11	3.65	1.88	3333	6	43.89	-0.79	4	(γ0 1.00)
19123+0409	23	0.60	0.74	-0.33	5.07	3331	3	39.38	-3.26	3	(λ24 1.00)
19124-2523	12	0.07	0.81	0.23	0.19	3332	99	12.38	-16.22	4	(β2 1.00)
19125+0343	12	-0.02	1.47	0.55	2.50	3331	0	39.02	-3.49	6	(λ28 1.00)
19125+6734	13	0.31	0.03	-0.12	1.32	3331	16	98.65	22.99	7	(δ1 1.00)
19126-0708	21	-4.36	0.63	-0.06	-0.12	3333	99	29.33	-8.51	112	(λ30 1.00)
19126-6941	23	0.22	1.17	0.01	0.26	3332	30	325.93	-27.60	5	(β8 1.00)
19128+2159	22	-0.37	0.96	-0.28	1.33	3331	99	55.21	4.99	6	(β8 1.00)
19129+2803	23	0.67	1.04	-0.15	1.23	3331	99	60.67	7.74	3	(β4 1.00)
19131+1157	23	0.59	1.72	0.70	3.76	3311	38	46.37	0.23	3	(ζ4 1.00)
19131+1551	13	0.10	1.72	0.59	1.55	3331	26	49.81	2.06	4	(η0 1.00)
19132-3336	12	-1.09	0.39	0.17	0.93	3333	13	4.43	-19.45	14	(λ25 1.00)
19133+1825	13	1.30	0.09	0.22	4.19	3321	0	52.11	3.22	3	(δ5 1.00)
19134+3026	23	0.95	0.07	0.08	1.80	3332	6	62.85	8.72	6	(δ2 1.00)
19135+0931	11	-2.29	1.39	-0.06	2.09	3331	99	44.27	-0.99	24	(ε1 1.00)
19136+6727	22	0.31	0.64	0.04	0.64	3332	8	98.56	22.86	5	(λ30 1.00)
19137+1210	23	1.16	1.21	1.95	3.96	3311	98	46.64	0.20	3	(α2 1.00)
19137+2253	13	0.36	0.78	0.23	1.37	3331	33	56.13	5.21	4	(λ24 0.95)
19137-1923	12	0.27	0.33	-0.19	1.61	3333	17	18.18	-14.07	5	(λ25 1.00)
19139+5412	22	0.61	0.86	-0.46	2.79	3331	0	85.19	18.48	3	(β9 0.87)
19142+1034	23	0.90	1.59	0.81	3.98	3321	99	45.29	-0.67	3	(ζ4 1.00)
19142+2915	23	0.72	0.96	0.08	1.18	3331	0	61.86	8.03	3	(λ21 0.95)
19143+1817	23	0.19	1.00	0.01	2.30	3331	99	52.10	2.95	4	(β2 1.00)
19143-5032	11	-1.48	0.97	-0.10	0.30	3333	45	347.04	-24.69	15	(λ34 1.00)
19147+1349	13	0.22	1.42	-0.05	4.40	3331	16	48.21	0.77	3	(λ20 1.00)
19147+2149	13	0.03	0.22	0.69	1.37	3331	4	55.28	4.51	6	(α5 1.00)
19147+5004	23	0.79	0.90	-0.28	1.09	3331	4	81.22	16.80	3	(λ21 1.00)
19148+3102	23	1.18	-0.02	0.21	3.64	3311	2	63.54	8.74	3	(δ5 1.00)
19149-1435	23	0.74	1.06	-0.10	2.33	3331	98	22.78	-12.29	3	(β4 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
19150-3926	23	0.59	0.79	0.13	1.13	3331	63	358.69	-21.72	4	(λ27 1.00)
19152-3640	12	-0.58	1.04	0.06	1.10	3331	99	1.51	-20.88	7	(β1 1.00)
19153+1203	23	0.39	0.93	1.53	3.63	3311	13	46.72	-0.20	5	(δ7 1.00)
19153+1639	33	1.56	1.08	0.70	3.82	3311	99	50.77	1.97	4	(β7 1.00)
19156-0935	12	0.20	1.50	0.82	0.16	3333	0	27.44	-10.27	4	(λ28 0.99)
19157+2252	23	0.71	0.75	-0.20	4.02	3331	30	56.31	4.81	3	(β3 1.00)
19157-1706	11	-1.70	1.10	-0.07	-0.24	3333	99	20.53	-13.55	13	(β0 1.00)
19158+1955	23	0.88	0.55	-0.02	3.24	3331	85	53.72	3.41	3	(λ7 1.00)
19159+1556	22	2.92	0.94	2.06	4.04	3311	99	50.21	1.51	6	(ζ3 1.00)
19161+2343	11	-1.50	1.78	0.27	-0.35	3333	99	57.12	5.12	14	(ζ4 1.00)
19162-1600	23	-0.06	0.10	1.07	1.68	3333	2	21.62	-13.19	8	(δ0 1.00)
19162-3731	23	0.44	1.13	-0.19	1.37	3332	35	0.71	-21.34	3	(λ21 1.00)
19164+0411	23	0.66	0.91	0.17	3.70	3331	16	39.90	-4.13	3	(β3 1.00)
19165+7315	23	1.23	0.03	0.14	1.98	3311	12	104.73	24.21	4	(δ2 1.00)
19166-3148	13	0.70	0.53	-0.14	1.38	3331	0	6.49	-19.48	4	(λ28 1.00)
19167+1733	23	0.89	1.38	-0.36	3.83	3331	99	51.72	2.09	3	(β7 1.00)
19167-2101	12	-0.09	0.68	0.35	0.76	3333	98	16.95	-15.38	6	(λ27 0.83)
19168+0025	23	1.20	0.70	0.26	3.73	3331	99	36.60	-5.99	2	(λ15 1.00)
19171+1119	22	0.75	2.12	0.38	3.83	3331	88	46.28	-0.94	2	(ζ1 1.00)
19172+1706	23	0.58	0.70	0.04	3.89	3311	4	51.39	1.77	4	(λ28 0.57)
19173+2256	23	0.62	0.13	0.60	3.77	3331	0	56.56	4.51	5	(δ2 0.99)
19174+2228	12	-0.20	0.14	0.06	1.83	3332	13	56.15	4.27	9	(δ0 1.00)
19175-0807	21	-2.83	0.81	0.37	-0.11	3333	99	28.99	-10.05	84	(α0 1.00)
19176-1039	23	0.40	0.08	-0.01	1.45	3331	41	26.69	-11.18	7	(δ5 1.00)
19177-0708	23	0.67	1.00	-0.06	2.80	3331	11	29.91	-9.65	3	(β9 1.00)
19178-1818	23	1.29	0.67	-0.06	1.77	3331	7	19.63	-14.51	3	(λ17 1.00)
19178-2620	11	-1.11	1.78	0.38	-0.09	3333	99	11.95	-17.70	13	(ε1 1.00)
19181-0435	23	1.08	0.14	0.27	4.11	3331	17	32.25	-8.58	4	(δ6 0.83)
19184+3746	13	0.06	0.16	0.40	2.36	3331	11	69.99	11.08	6	(α5 1.00)
19186+1657	12	-0.27	1.34	0.53	3.75	3331	99	51.41	1.42	6	(β0 1.00)
19188-1603	11	-1.71	0.34	0.04	-0.10	3333	2	21.84	-13.77	16	(β8 0.97)
19190+1128	12	0.05	1.88	0.50	3.50	3331	70	46.63	-1.28	4	(ζ4 1.00)
19192+0922	11	-1.63	1.77	0.45	-0.46	3333	99	44.79	-2.31	18	(ζ4 1.00)
19193+1504	22	1.39	2.93	4.59	1.83	3333	13	49.83	0.37	5	(ζ3 1.00)
19193+5732	23	1.25	0.10	-0.07	2.14	3321	51	88.77	18.99	4	(δ3 1.00)
19194+1734	11	-1.74	0.74	0.02	3.10	3331	42	52.04	1.53	22	(λ30 1.00)
19195+0522	22	0.61	1.50	0.08	2.86	3331	99	41.31	-4.27	3	(β2 1.00)
19198+0501	12	-0.23	0.92	-0.13	2.77	3331	99	41.02	-4.49	5	(β1 1.00)
19200-0319	13	0.46	0.77	-0.03	3.14	3331	43	33.61	-8.43	3	(λ27 1.00)
19202+2009	22	0.80	1.52	-0.15	2.40	3331	99	54.41	2.60	2	(ε2 1.00)
19206-0241	22	-0.23	0.91	0.01	2.15	3331	98	34.25	-8.25	5	(β0 0.99)
19207+1410	32	-1.29	3.43	4.32	1.56	3333	0	49.21	-0.35	30	(γ0 1.00)
19207+1720	33	0.89	0.71	3.46	2.40	3311	9	52.00	1.15	3	(α6 0.94)
19208+0133	13	0.86	0.52	-0.03	3.85	3331	35	38.07	-6.33	4	(η1 1.00)
19210+1448	22	-0.96	1.92	2.73	-0.32	3311	99	49.80	-0.11	9	(ζ4 1.00)
19211+1606	22	0.04	1.29	0.40	4.14	3331	17	50.95	0.49	4	(β11 1.00)
19213+1723	22	0.54	3.40	3.72	1.37	3333	9	52.10	1.04	5	(γ0 1.00)
19219+0947	22	0.66	3.52	1.02	-0.43	3333	2	45.50	-2.70	3	(γ0 1.00)
19224+0732	12	-0.05	0.94	-0.22	3.63	3331	99	43.56	-3.87	4	(β1 1.00)
19224+1454	12	0.14	0.81	0.58	4.23	3311	77	50.04	-0.38	4	(β11 0.97)
19224+3213	12	0.37	0.96	0.30	2.44	3331	99	65.34	7.82	4	(β1 1.00)
19225-0031	23	0.45	1.43	0.12	0.78	3331	92	36.42	-7.69	3	(λ21 1.00)
19227+1700	13	-0.66	2.01	0.32	2.47	3331	12	51.93	0.58	7	(θ0 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
19228+1630	13	0.94	1.00	0.79	3.68	3323	55	51.49	0.31	3	(η1 1.00)
19229+1708	11	-0.53	1.28	0.20	3.46	3331	7	52.07	0.59	6	(β11 1.00)
19231+3555	12	-1.49	1.33	-0.21	-0.06	3333	99	68.74	9.39	16	(β0 1.00)
19231-2334	23	0.03	1.04	-0.12	0.27	3332	93	15.11	-17.74	5	(β9 0.99)
19231-2717	12	0.09	1.84	1.00	0.25	3333	12	11.49	-19.16	4	(ζ4 1.00)
19232+5008	11	-3.25	0.38	-0.68	-0.46	3333	15	81.86	15.58	63	(λ12 1.00)
19233+7627	12	-0.93	0.23	0.35	0.88	3333	0	108.25	24.60	13	(δ1 1.00)
19235+0324	13	0.01	0.99	-0.14	1.22	3331	99	40.04	-6.06	4	(β2 0.99)
19236+1359	12	0.38	1.65	0.53	3.66	3331	99	49.37	-1.07	5	(ζ4 1.00)
19236+1908	23	1.37	0.73	1.57	4.86	3321	99	53.90	1.41	2	(β5 1.00)
19236+2003	22	0.67	1.33	0.52	2.74	3331	99	54.70	1.85	3	(λ21 0.91)
19238+0211	12	0.22	0.99	0.18	2.47	3331	99	38.99	-6.72	5	(β1 1.00)
19238+1159	21	-0.68	1.68	0.63	2.65	3331	0	47.64	-2.07	6	(ζ4 1.00)
19238+6533	23	1.13	0.44	0.03	1.57	3331	18	96.96	21.31	4	(δ6 0.99)
19238-3521	12	-0.01	0.98	-0.05	0.77	3333	3	3.46	-22.08	4	(λ34 1.00)
19239-3904	22	0.39	0.76	-0.05	0.32	3332	0	359.64	-23.25	3	(β9 0.99)
19240+1634	23	0.21	0.84	0.82	3.94	3311	67	51.69	0.09	4	(β9 1.00)
19240+1806	13	0.64	0.50	1.94	3.59	3311	94	53.03	0.82	4	(η1 1.00)
19240+2322	23	0.72	0.95	0.16	2.24	3331	50	57.67	3.36	3	(λ24 0.96)
19240+3615	11	-1.34	1.35	-0.27	0.33	3333	99	69.12	9.39	12	(β0 1.00)
19241+1608	23	0.90	1.61	1.11	3.12	3321	42	51.32	-0.13	3	(η1 1.00)
19241+3605	23	1.27	0.11	0.33	1.90	3331	15	68.98	9.29	3	(δ4 0.98)
19243+7135	12	-0.58	0.69	-0.20	1.67	3331	84	103.15	23.18	7	(β8 1.00)
19244+1115	21	-4.19	2.15	0.61	-0.36	3332	0	47.06	-2.54	115	(ε2 1.00)
19244+1809	12	0.10	1.27	-0.19	5.11	3331	99	53.13	0.78	3	(β3 1.00)
19245+1609	33	0.93	0.69	2.13	3.13	2311	62	51.38	-0.22	3	(θ0 1.00)
19246+1637	22	0.87	0.89	1.81	3.23	3311	99	51.81	0.00	3	(λ21 1.00)
19247-1722	11	-1.25	0.95	0.03	0.44	3333	29	21.21	-15.61	10	(λ34 1.00)
19248+0658	12	-1.30	0.62	-0.11	1.99	3331	99	43.33	-4.66	11	(α0 1.00)
19248+1811	23	0.71	0.99	1.23	4.19	3311	99	53.20	0.69	4	(λ24 1.00)
19249+2329	23	0.80	0.31	0.15	3.17	3331	25	57.87	3.23	6	(δ3 0.99)
19250+0156	23	0.75	0.68	-0.00	1.72	3331	4	38.92	-7.09	4	(λ7 1.00)
19250-6953	12	-0.02	0.92	0.17	0.28	3333	35	325.76	-28.68	5	(β8 1.00)
19251+2444	23	0.82	0.86	-0.25	2.46	3331	99	59.00	3.78	3	(β4 1.00)
19252+1550	21	-0.22	1.48	0.82	2.76	3321	94	51.17	-0.50	6	(η0 1.00)
19252+1737	23	1.99	3.67	4.17	1.58	2333	15	52.75	0.34	3	(ζ3 1.00)
19252+2201	12	-0.91	1.21	-0.17	1.32	3331	99	56.61	2.47	6	(β0 1.00)
19254+1631	22	0.58	2.64	1.65	1.06	3222	80	51.80	-0.22	4	(ζ3 1.00)
19255+1531	23	2.42	1.45	5.28	2.09	3333	17	50.93	-0.72	3	(η1 1.00)
19255+2341	33	0.98	1.04	0.22	2.50	3331	99	58.10	3.20	3	(θ0 1.00)
19259+0510	23	1.25	1.06	-0.24	4.00	3331	0	41.88	-5.76	3	(β6 1.00)
19261-4024	22	0.56	0.95	-0.11	0.63	3331	43	358.36	-24.04	3	(β8 1.00)
19263+0444	23	1.10	0.75	-0.12	4.27	3331	0	41.54	-6.05	2	(λ11 1.00)
19263+1810	23	0.53	1.26	0.43	4.08	3311	98	53.36	0.39	4	(η1 1.00)
19263-1922	33	0.94	1.10	0.01	0.93	3331	72	19.47	-16.78	3	(β7 1.00)
19265+1124	23	0.66	0.71	0.43	4.14	3331	97	47.45	-2.91	4	(α4 1.00)
19265+3116	33	1.47	1.19	0.03	2.08	3331	99	64.91	6.60	3	(β7 0.96)
19266+2433	13	-0.02	0.02	-0.08	2.49	3331	3	58.99	3.40	8	(δ1 1.00)
19267+0345	21	-0.50	1.11	-0.36	0.26	3331	0	40.72	-6.60	6	(β0 1.00)
19267-1615	23	0.62	0.88	-0.17	1.26	3331	26	22.47	-15.59	4	(λ28 1.00)
19268+1904	23	0.78	1.24	0.57	4.46	3311	18	54.21	0.71	3	(λ10 1.00)
19270+2209	12	0.53	1.13	-0.16	2.38	3331	5	56.94	2.16	3	(β4 0.99)
19270+2239	22	-0.41	1.21	-0.40	1.90	3331	99	57.37	2.40	5	(β0 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
19271+1354	22	-0.06	1.10	-0.08	4.16	3331	99	49.72	-1.85	6	(β1 1.00)
19272+4556	12	0.25	0.22	0.73	0.82	3333	1	78.23	13.18	5	(α5 1.00)
19272-1929	23	0.76	0.93	0.03	0.72	3331	0	19.44	-17.01	3	(β4 0.92)
19274+1800	13	0.69	0.97	1.31	7.18	3311	0	53.34	0.07	3	(λ21 1.00)
19274+1835	22	-0.21	1.29	-0.06	3.85	3311	6	53.85	0.35	5	(β11 1.00)
19276+0247	23	0.91	0.04	0.14	2.17	3331	5	39.98	-7.26	3	(δ7 1.00)
19276-0056	12	-0.68	0.63	0.31	-0.23	3331	92	36.64	-9.01	9	(α0 1.00)
19278+4021	22	0.24	0.84	-0.08	0.81	3331	99	73.16	10.60	3	(β11 1.00)
19279-5416	23	0.92	0.13	-0.04	1.75	3331	7	343.44	-27.47	5	(δ8 1.00)
19280+1704	23	1.12	0.86	2.09	3.87	3311	81	52.59	-0.51	3	(α6 1.00)
19280-0253	12	0.01	0.12	-0.05	1.50	3331	6	34.92	-9.99	9	(δ0 0.99)
19282+2253	11	0.41	1.36	0.20	1.64	3331	99	57.70	2.28	4	(ε1 1.00)
19283+1944	11	-1.24	2.32	1.11	-0.01	3331	99	54.95	0.74	16	(ζ3 1.00)
19285+4853	12	0.24	0.70	0.16	1.12	3333	17	81.07	14.27	4	(λ30 1.00)
19287+4602	11	-1.10	0.68	-0.33	-0.39	3332	37	78.43	13.00	13	(λ30 1.00)
19289+1931	12	-0.54	0.70	-0.57	4.24	3331	99	54.84	0.50	8	(λ30 1.00)
19290+2324	23	0.79	0.53	0.00	3.00	3331	10	58.24	2.36	3	(λ31 1.00)
19291+0502	12	0.19	1.07	-0.04	0.94	3332	53	42.14	-6.53	4	(β2 0.99)
19291+2012	13	0.46	1.55	1.34	3.19	3311	84	55.46	0.80	3	(η0 1.00)
19292-3058	23	0.31	0.01	-0.10	1.93	3331	11	8.32	-21.72	5	(δ1 0.94)
19293+2002	23	1.01	0.93	0.91	4.84	3321	98	55.32	0.67	3	(λ22 1.00)
19296+4331	11	-1.41	0.94	-0.05	0.16	3333	35	76.21	11.74	12	(β11 1.00)
19297+1815	33	0.72	1.51	1.21	4.08	3311	97	53.82	-0.29	4	(λ21 1.00)
19298+3145	23	0.83	0.79	-0.66	4.00	3331	4	65.68	6.22	4	(β7 1.00)
19298-0427	23	0.75	0.93	0.05	1.10	3331	6	33.72	-11.11	4	(λ12 1.00)
19302+0228	33	1.08	0.79	0.24	1.76	3331	99	39.99	-7.99	2	(β13 1.00)
19304+2529	12	-0.29	1.87	0.40	0.47	3331	99	60.23	3.09	5	(ζ4 1.00)
19306+0455	22	-0.38	0.83	0.16	0.13	3331	35	42.21	-6.91	8	(β8 1.00)
19307+1338	12	-1.17	1.30	-0.29	2.28	3331	0	49.89	-2.73	10	(β11 1.00)
19308+0609	12	0.33	0.88	-0.03	2.85	3331	5	43.34	-6.38	5	(λ28 1.00)
19309+2022	23	0.83	1.11	-0.37	5.36	3311	65	55.81	0.50	3	(β4 1.00)
19309-6252	12	-0.89	0.53	0.12	0.19	3333	22	333.81	-28.89	12	(λ25 1.00)
19310+1745	22	0.90	2.61	2.57	1.63	3311	61	53.53	-0.80	2	(ζ3 1.00)
19311+2332	22	-0.12	0.66	0.22	2.06	3331	36	58.60	2.00	8	(λ25 1.00)
19311-2245	23	0.69	0.76	0.14	1.12	3331	9	16.66	-19.13	4	(λ12 1.00)
19312+0521	12	-0.81	0.09	0.29	0.41	3332	26	42.68	-6.85	17	(δ0 1.00)
19312+1130	33	1.14	1.27	-0.05	1.90	3331	64	48.09	-3.87	3	(β6 1.00)
19313-3021	12	0.46	1.29	0.36	0.24	3332	99	9.11	-21.91	5	(β0 1.00)
19314+1619	23	0.64	0.67	0.04	5.33	3331	95	52.33	-1.58	3	(β9 1.00)
19314-1629	11	-0.75	0.36	0.59	1.15	3333	13	22.74	-16.70	15	(α5 1.00)
19316+0716	23	1.29	0.00	0.11	2.71	3311	7	44.42	-6.01	3	(δ6 1.00)
19317+2159	23	0.82	0.98	0.08	4.88	3331	99	57.31	1.13	3	(η1 1.00)
19317-3416	33	1.49	0.73	0.32	1.39	3331	8	5.13	-23.28	2	(λ1 1.00)
19320+1951	22	0.04	0.90	0.82	3.41	2322	99	55.49	0.03	5	(β1 0.94)
19320-5307	23	0.64	0.07	0.28	1.73	3321	1	344.84	-27.88	5	(δ1 1.00)
19321+2141	23	1.43	0.86	1.10	4.61	3331	99	57.10	0.89	2	(α6 0.99)
19321+2757	11	-2.65	0.86	0.28	-0.04	3333	97	62.57	3.96	46	(λ30 1.00)
19321+3716	13	0.33	0.87	-0.21	0.69	3331	99	70.79	8.43	4	(β1 1.00)
19323+4909	12	0.09	0.13	-0.20	1.32	3331	4	81.58	13.83	7	(δ0 1.00)
19324+3033	11	-0.30	0.89	0.16	2.16	3331	99	64.88	5.15	7	(β8 1.00)
19325+2346	12	-0.48	1.23	0.31	1.40	3321	0	58.96	1.83	7	(β11 1.00)
19327+3024	11	-1.25	2.61	1.48	0.20	3333	73	64.78	5.02	10	(ζ0 1.00)
19328+0035	12	-0.46	0.85	-0.00	0.96	3331	71	38.63	-9.44	6	(β8 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
19328+3039	12	-0.73	0.57	-0.20	2.57	3331	7	65.01	5.13	7	(λ34 1.00)
19329+2641	12	-0.74	1.08	-0.36	1.18	3331	99	61.55	3.19	6	(β0 1.00)
19330+3341	13	0.96	0.09	-0.04	2.65	3331	35	67.70	6.55	4	(δ1 0.98)
19333+1918	22	0.15	1.39	0.29	3.97	3331	13	55.15	-0.51	4	(ε1 1.00)
19334-0033	13	0.16	0.64	0.26	0.54	3331	40	37.67	-10.12	3	(λ34 0.99)
19342+1935	33	2.06	3.78	1.39	2.21	3331	32	55.51	-0.56	2	(γ1 1.00)
19343+0912	33	1.11	1.32	-0.06	3.52	3331	25	46.44	-5.66	3	(β6 1.00)
19343+2026	12	0.55	1.93	4.96	1.85	1333	97	56.25	-0.16	6	(ζ1 1.00)
19344+1921	23	1.09	1.14	0.37	5.00	3331	99	55.32	-0.71	3	(λ28 1.00)
19346+1209	12	-0.02	0.98	0.41	0.52	3331	99	49.07	-4.29	6	(λ30 1.00)
19348+2136	12	-0.62	1.12	-0.06	2.97	3331	31	57.33	0.32	6	(β11 1.00)
19351+1922	23	0.69	1.33	0.18	4.25	3331	29	55.41	-0.85	3	(β3 1.00)
19352+2000	23	0.88	1.23	0.18	4.20	3331	99	55.98	-0.57	3	(λ24 0.99)
19352+2030	11	-0.45	2.46	0.99	0.77	3333	99	56.41	-0.31	8	(ζ0 0.95)
19354+5005	11	-1.42	0.80	0.27	0.29	3333	86	82.68	13.78	17	(λ30 1.00)
19355-5258	13	0.08	0.64	-0.09	0.44	3331	0	345.10	-28.38	5	(λ25 1.00)
19356+1136	12	-1.05	0.75	0.06	0.82	3333	99	48.71	-4.78	13	(β8 1.00)
19356+6941	13	0.23	0.25	-0.15	2.46	3331	4	101.54	21.68	6	(δ1 1.00)
19358+0917	21	-0.56	1.05	0.25	1.63	3331	99	46.69	-5.94	5	(λ20 1.00)
19361-1658	11	-1.35	1.29	-0.31	-0.29	3333	99	22.75	-17.93	11	(β0 1.00)
19363+2652	23	1.10	0.87	0.36	2.80	3331	99	62.07	2.62	2	(α6 1.00)
19369+2823	12	-0.74	0.50	-0.14	1.35	3331	65	63.47	3.25	10	(λ30 1.00)
19371+1627	23	0.97	0.22	0.10	4.97	3321	3	53.12	-2.71	4	(λ7 1.00)
19371+2004	13	0.90	0.59	0.65	4.70	3321	26	56.25	-0.91	3	(δ7 1.00)
19375+4322	22	0.08	1.39	-0.05	0.09	3331	5	76.75	10.40	4	(β0 1.00)
19375-0027	33	1.32	0.60	-0.59	2.52	3321	27	38.23	-10.97	3	(α1 1.00)
19376+2622	13	0.61	0.82	-0.06	4.43	3331	4	61.79	2.11	3	(λ24 1.00)
19381+2224	23	1.21	1.26	0.98	2.35	3311	99	58.40	0.05	3	(λ31 1.00)
19381+3315	12	-0.56	0.54	0.17	0.85	3331	91	67.84	5.42	8	(α0 1.00)
19384+4346	12	-0.10	0.62	-0.29	1.28	3331	27	77.18	10.44	5	(λ20 1.00)
19384-0402	12	0.24	0.12	0.09	1.30	3331	3	35.11	-12.84	6	(δ8 1.00)
19386+1513	12	-0.32	1.42	-0.30	0.66	3331	99	52.22	-3.63	5	(β0 0.89)
19388+2855	23	0.69	0.85	0.15	2.42	3331	1	64.15	3.14	3	(λ24 1.00)
19390+3229	23	0.63	0.11	1.68	1.38	3333	7	67.27	4.88	5	(δ1 1.00)
19390+4257	23	0.99	0.12	-0.34	4.14	3331	14	76.50	9.95	4	(δ2 1.00)
19391+3636	13	0.46	0.75	0.01	1.32	3331	97	70.88	6.87	4	(λ24 1.00)
19391-5622	13	0.38	0.25	0.01	1.04	3331	0	341.32	-29.33	5	(δ1 1.00)
19393+2447	23	0.85	1.32	0.23	4.16	3331	0	60.61	1.00	2	(ε2 1.00)
19394+4840	12	0.03	1.22	-0.66	0.43	3331	98	81.68	12.57	5	(β1 1.00)
19395+1949	23	1.15	1.38	0.20	4.30	3331	39	56.32	-1.52	2	(β4 1.00)
19396+1637	11	-1.56	1.16	-0.47	1.63	3331	78	53.57	-3.15	16	(β0 1.00)
19399+2258	12	0.56	1.35	0.46	2.98	3311	0	59.10	-0.02	3	(ε2 1.00)
19399+2404	33	1.36	0.32	2.08	4.14	3311	67	60.06	0.52	3	(α6 1.00)
19401+4205	13	0.59	0.75	0.05	1.21	3331	0	75.82	9.37	3	(λ28 0.79)
19405-7851	12	0.36	0.86	-0.19	2.58	3331	4	315.49	-29.33	4	(λ28 1.00)
19406+4715	12	0.15	1.14	-0.28	0.21	3331	99	80.50	11.73	3	(β0 0.99)
19409+2324	33	1.46	0.77	1.76	3.75	3311	0	59.59	-0.02	2	(α2 1.00)
19409+5520	12	-0.32	0.16	-0.12	0.57	3331	19	87.92	15.37	11	(δ0 1.00)
19410+2336	22	0.73	3.75	4.27	1.66	2333	6	59.78	0.06	6	(ζ0 1.00)
19411+2400	13	0.66	1.14	0.57	3.69	3321	33	60.13	0.25	3	(ε2 1.00)
19412+0337	11	-1.68	0.98	-0.01	0.09	3333	93	42.34	-9.86	16	(β1 1.00)
19414+2237	22	0.31	1.11	-0.34	4.41	3331	99	58.97	-0.50	4	(λ27 0.94)
19415+2814	23	2.19	1.23	0.40	3.77	3311	99	63.84	2.30	2	(λ14 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
19416+3422	12	-0.71	0.32	-0.04	2.51	3331	68	69.18	5.33	10	(λ25 1.00)
19416-0210	23	0.97	1.39	0.36	0.41	3331	99	37.18	-12.68	2	(λ6 1.00)
19419+1436	23	1.06	0.91	-0.34	2.32	3331	0	52.08	-4.64	2	(λ21 1.00)
19419+3222	12	0.03	0.58	-0.11	3.69	3331	98	67.46	4.28	5	(α0 1.00)
19420+3318	12	0.25	1.79	0.91	1.50	3331	6	68.28	4.73	3	(ζ4 1.00)
19422+3506	11	-2.14	1.38	-0.08	-0.41	3333	8	69.89	5.59	23	(β0 1.00)
19425+3323	12	-0.09	1.08	-0.41	3.12	3331	99	68.42	4.67	5	(β1 1.00)
19426+1514	23	0.78	0.79	-0.38	1.98	3331	78	52.71	-4.46	3	(β10 1.00)
19426+7055	13	0.57	1.31	-0.05	0.97	3331	16	103.00	21.57	3	(β11 1.00)
19427+3417	22	0.21	0.08	0.18	2.60	3332	6	69.22	5.09	6	(δ0 1.00)
19430+0739	23	0.80	0.52	-0.01	2.44	3331	65	46.14	-8.29	3	(λ18 1.00)
19431+4035	13	0.85	0.12	0.95	3.47	3311	34	74.77	8.15	4	(δ2 1.00)
19431+5813	23	1.05	0.47	0.17	1.34	3331	27	90.76	16.36	4	(λ7 1.00)
19437+0134	13	0.21	0.47	0.20	0.85	3331	2	40.81	-11.39	6	(λ25 1.00)
19437+2408	23	0.73	1.31	4.97	1.20	3311	8	60.54	-0.21	4	(β6 1.00)
19437+3008	23	1.19	0.20	0.16	3.72	3311	3	65.72	2.83	3	(δ6 1.00)
19438+1029	12	-1.08	0.10	-0.21	2.08	3331	8	48.73	-7.08	18	(δ0 1.00)
19440+2251	22	0.64	2.18	0.93	2.32	3331	16	59.48	-0.90	4	(ζ3 1.00)
19440-4118	22	-0.13	0.82	0.22	0.56	3333	10	358.38	-27.55	6	(λ27 1.00)
19441+4520	12	0.81	1.20	0.48	0.91	3331	99	79.07	10.28	4	(β2 1.00)
19442-0829	12	-0.05	1.50	0.23	0.26	3333	99	31.66	-16.11	8	(β0 1.00)
19442-1712	23	1.00	0.10	0.04	1.78	3331	6	23.36	-19.80	4	(δ2 1.00)
19450+1556	22	0.31	1.13	0.01	2.42	3331	9	53.62	-4.61	4	(β11 1.00)
19451+1824	11	-1.39	0.06	-0.01	2.79	3331	11	55.76	-3.38	28	(δ0 1.00)
19451+3045	23	0.94	1.18	0.34	2.11	3331	71	66.42	2.88	3	(λ22 1.00)
19454+0355	12	-0.80	1.30	-0.42	0.01	3331	99	43.11	-10.63	6	(β0 1.00)
19454+2536	22	0.59	1.26	0.26	4.56	3331	86	62.00	0.21	3	(β2 1.00)
19454+2920	31	0.54	3.35	1.34	-0.31	3333	23	65.22	2.12	3	(γ1 1.00)
19454-3616	33	1.03	0.83	0.11	1.21	3331	1	3.92	-26.53	3	(λ18 1.00)
19455+0920	12	-0.94	0.87	0.07	-0.66	3331	12	47.92	-8.00	10	(λ30 1.00)
19455+2319	21	0.04	1.04	0.08	3.92	3331	99	60.04	-0.97	5	(λ20 1.00)
19457+1443	23	0.60	0.67	-0.06	1.51	3331	22	52.64	-5.37	3	(λ27 1.00)
19457+2346	12	-0.36	0.97	0.31	3.48	3331	99	60.47	-0.77	9	(λ30 1.00)
19461+0334	23	0.27	0.86	-0.07	0.71	3332	0	42.89	-10.95	5	(λ27 0.83)
19462+2232	22	0.44	1.40	-0.00	3.91	3331	97	59.46	-1.51	3	(β11 0.98)
19464+2132	23	0.90	0.28	0.51	4.91	3331	51	58.62	-2.05	2	(α4 1.00)
19466+2600	33	1.08	0.32	1.75	3.69	3311	12	62.49	0.18	4	(α3 1.00)
19466+2751	22	0.02	1.53	0.38	2.98	3331	21	64.08	1.14	5	(β11 1.00)
19468-5008	13	0.77	0.70	-0.14	1.14	3331	93	348.60	-29.69	3	(λ27 1.00)
19472+2127	11	-0.02	0.83	-0.28	4.23	3331	0	58.64	-2.27	5	(β8 1.00)
19472+2923	23	0.77	0.05	0.22	3.42	3311	97	65.47	1.81	3	(α1 1.00)
19472+3017	22	0.38	0.55	0.23	4.53	3331	29	66.23	2.26	4	(λ34 0.64)
19474-0744	11	-3.03	0.99	-0.02	0.01	3333	99	32.72	-16.49	53	(β0 1.00)
19479+2111	13	1.18	0.97	-0.39	2.62	3331	12	58.50	-2.53	2	(β5 1.00)
19479+3541	13	0.62	0.84	0.15	2.60	3331	87	70.98	4.88	3	(β9 1.00)
19480+2447	11	-1.44	0.92	0.18	2.38	3331	45	61.61	-0.72	12	(β11 0.97)
19480+2504	21	0.33	2.84	1.39	0.59	3331	7	61.84	-0.56	3	(ζ3 1.00)
19483+0844	12	-0.17	0.03	-0.14	1.03	3331	1	47.74	-8.91	11	(δ1 1.00)
19483+7008	33	1.18	-0.01	-0.09	2.47	3331	0	102.43	20.83	3	(δ6 1.00)
19487+3835	12	0.14	0.06	-0.46	4.45	3331	10	73.57	6.20	6	(δ1 1.00)
19488+2358	23	0.95	1.03	0.11	4.31	3331	14	60.99	-1.29	2	(α6 1.00)
19489+3741	12	-0.08	0.23	-0.27	2.27	3331	8	72.81	5.72	8	(δ0 1.00)
19493+2905	22	0.26	2.03	-0.03	1.27	3331	96	65.44	1.25	3	(ζ0 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
19494+2701	12	0.23	1.55	0.96	2.62	3331	99	63.68	0.17	4	(β2 1.00)
19495+0835	11	-1.13	1.34	0.01	-0.14	3333	99	47.76	-9.24	8	(β0 1.00)
19498-7140	12	-0.03	0.79	-0.43	0.53	3331	21	323.65	-30.67	6	(λ25 1.00)
19499+2141	23	1.09	1.52	0.11	4.17	3331	99	59.17	-2.68	3	(β2 0.95)
19500-1709	11	0.02	3.49	1.00	-0.41	3333	3	23.99	-21.04	3	(γ0 1.00)
19500-3213	23	0.97	0.15	0.18	1.70	3331	20	8.56	-26.30	4	(δ6 1.00)
19503+2219	11	-2.26	0.80	-0.01	0.64	3333	48	59.76	-2.43	26	(β8 1.00)
19507+1617	23	0.84	0.86	0.22	1.25	3331	18	54.62	-5.61	3	(λ29 1.00)
19507+2929	22	1.05	1.01	0.95	4.02	3311	99	65.94	1.20	3	(β2 0.99)
19508+2659	12	0.01	1.62	0.11	2.89	3331	49	63.83	-0.12	4	(ζ4 1.00)
19509+2930	22	0.77	1.55	0.12	4.08	3311	99	65.99	1.16	4	(ε1 1.00)
19510-5919	11	-3.12	0.58	-0.23	-0.00	3333	22	338.05	-31.12	62	(λ30 1.00)
19514-0842	23	1.22	0.06	-0.35	2.43	3321	5	32.28	-17.80	4	(δ3 1.00)
19518-4200	33	1.01	0.12	0.04	1.77	3321	36	357.97	-29.11	6	(δ4 1.00)
19519+2527	33	0.83	1.32	0.38	3.81	3331	8	62.63	-1.13	3	(β3 1.00)
19520+0533	22	0.07	1.21	-0.17	1.61	3331	99	45.39	-11.28	6	(β0 1.00)
19520+2729	22	0.49	2.02	0.29	2.77	3331	2	64.38	-0.10	4	(ζ4 1.00)
19520+2759	21	-0.55	2.57	2.48	1.16	3332	16	64.81	0.17	6	(ζ0 1.00)
19523+2414	13	0.33	0.87	0.22	4.17	3331	55	61.64	-1.84	4	(λ24 0.99)
19523+4927	23	0.92	0.26	-0.01	3.45	3331	28	83.42	11.09	4	(δ5 1.00)
19524+2130	13	0.42	0.93	0.14	3.64	3331	99	59.31	-3.26	4	(α0 1.00)
19525+1128	13	0.29	0.91	-0.34	1.43	3331	19	50.67	-8.44	4	(β4 1.00)
19525+2648	12	0.26	1.06	0.15	2.69	3322	99	63.85	-0.53	5	(β1 1.00)
19528+0616	13	1.25	0.02	-0.03	2.20	3321	5	46.13	-11.09	4	(δ3 1.00)
19528-2919	11	-1.75	0.51	-0.20	-0.07	3333	99	11.84	-25.99	18	(λ30 1.00)
19530-2810	23	0.54	0.93	-0.20	0.72	3331	14	13.07	-25.68	6	(λ31 1.00)
19535+2635	23	0.81	0.54	0.85	4.06	3331	99	63.78	-0.85	3	(α4 1.00)
19536+1529	33	0.66	0.67	0.01	1.49	3331	4	54.30	-6.62	5	(λ31 1.00)
19536+3237	11	-1.38	1.05	0.04	2.56	3331	96	68.95	2.28	13	(β1 1.00)
19537+2212	11	-1.18	0.39	0.15	1.03	3332	99	60.08	-3.17	12	(α0 1.00)
19538-2718	23	0.58	-0.14	-0.14	1.78	3321	0	14.04	-25.56	5	(δ8 1.00)
19541+2807	23	0.72	0.96	0.31	5.09	3321	99	65.16	-0.15	4	(α4 1.00)
19545-1122	33	1.45	0.75	-0.14	1.82	3331	99	30.09	-19.65	3	(α3 1.00)
19546-6225	12	0.13	0.59	-0.17	0.69	3332	34	334.43	-31.61	5	(λ28 0.85)
19547+1848	13	0.53	0.92	0.18	3.08	3331	99	57.26	-5.13	4	(β9 1.00)
19548+3035	11	-1.06	1.97	0.96	-0.19	3333	99	67.35	1.02	9	(ζ4 1.00)
19549+5842	13	0.79	0.07	-0.05	2.18	3333	1	91.93	15.21	4	(δ8 0.99)
19550-0201	11	-2.67	0.70	0.03	0.03	3333	99	38.92	-15.56	39	(β1 1.00)
19552+3142	12	-0.23	1.07	0.20	3.50	3331	99	68.33	1.52	5	(λ30 1.00)
19552-4159	12	0.17	0.54	0.04	0.50	3331	6	358.14	-29.74	6	(δ8 1.00)
19553+3941	12	-0.45	1.31	-0.44	1.50	3331	45	75.17	5.68	6	(β0 1.00)
19555+4407	12	-0.25	0.13	0.62	3.75	3331	7	79.03	7.92	8	(δ0 1.00)
19556-0344	12	0.45	1.13	-0.14	0.52	3331	99	37.42	-16.51	3	(β4 0.85)
19558+3333	12	-0.45	1.63	0.46	2.33	3331	94	69.98	2.38	7	(λ20 1.00)
19559+3301	12	0.14	0.98	0.45	3.90	3321	99	69.54	2.09	5	(α0 1.00)
19561+2958	13	0.32	0.85	-0.02	4.34	3331	97	66.96	0.45	3	(β1 1.00)
19562+1552	12	0.20	1.01	0.12	0.37	3332	3	54.93	-6.95	4	(β8 1.00)
19564-0801	22	-0.12	0.48	-0.05	0.60	3331	98	33.50	-18.61	6	(λ24 0.99)
19565+1921	12	-0.80	0.00	-0.19	2.88	3331	46	57.97	-5.21	17	(δ0 1.00)
19566+3423	22	-0.51	2.51	1.02	0.13	3333	37	70.78	2.68	5	(ζ3 1.00)
19568-0002	13	0.53	1.46	-0.10	0.14	3331	86	40.95	-15.02	3	(β2 1.00)
19569+2647	23	1.30	0.48	0.54	4.62	3311	30	64.36	-1.37	3	(α6 1.00)
19569-4944	13	0.33	0.09	-0.04	1.20	3331	0	349.29	-31.26	6	(δ1 0.62)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
19573+3143	22	0.43	1.45	0.18	2.76	3313	0	68.59	1.16	3	(ε2 1.00)
19573-1641	23	0.55	0.48	-0.17	1.16	3331	0	25.20	-22.45	3	(λ7 0.98)
19574+1022	23	1.32	0.86	0.11	2.40	3332	13	50.32	-10.02	2	(λ6 1.00)
19575-5930	11	-2.28	0.07	-0.03	-0.18	3333	3	337.85	-31.96	50	(δ0 1.00)
19576+2814	21	0.53	2.39	0.92	0.64	3331	99	65.67	-0.74	4	(ζ3 1.00)
19577+1722	12	-0.62	0.03	-0.13	0.84	3331	0	56.43	-6.49	13	(δ0 1.00)
19577+2430	33	1.45	1.14	0.18	4.41	3331	99	62.51	-2.74	2	(β5 1.00)
19579+3223	13	0.46	0.95	0.13	4.12	3331	99	69.22	1.41	4	(β9 1.00)
19579+3653	23	1.03	1.10	0.21	3.00	3331	95	73.05	3.78	2	(β6 1.00)
19580+2552	23	1.35	0.46	0.53	4.69	3311	98	63.71	-2.07	2	(α2 1.00)
19580+4151	12	-0.04	0.61	-0.28	5.25	3331	99	77.31	6.37	4	(β1 0.76)
19584+2652	23	0.74	1.53	0.50	3.37	3331	59	64.60	-1.62	3	(η1 1.00)
19584-1511	13	0.71	0.80	0.36	1.73	3333	9	26.81	-22.10	3	(λ21 1.00)
19585+5200	11	-0.62	0.58	-0.18	0.60	3331	13	86.17	11.50	10	(λ25 1.00)
19586+3637	11	-1.25	1.38	-0.03	0.93	3331	6	72.90	3.52	13	(β0 1.00)
19588+4002	23	0.93	0.66	0.81	2.48	3331	19	75.83	5.28	2	(λ11 1.00)
19588-5836	23	0.92	0.12	0.02	1.71	3331	4	338.93	-32.12	4	(δ1 0.81)
19591+1817	12	-0.38	1.25	-0.12	0.36	3332	99	57.38	-6.29	7	(β0 1.00)
19592+3302	22	-0.05	3.37	4.08	1.56	2233	4	69.92	1.52	7	(γ0 1.00)
19593+3347	13	0.65	0.25	0.71	5.41	3321	29	70.56	1.89	5	(δ1 1.00)
19594+4047	11	-2.69	1.27	0.28	-0.23	3333	98	76.52	5.59	48	(λ20 1.00)
19595+3039	23	1.03	0.62	1.27	3.96	3311	20	67.94	0.19	2	(λ18 1.00)
19595-2751	11	-1.34	0.16	-0.20	-0.41	3332	34	13.92	-26.93	26	(δ0 1.00)
19598+3324	22	-2.57	3.48	3.82	1.33	3333	52	70.29	1.60	43	(γ0 1.00)
20000+4954	12	-1.14	1.35	-0.12	-0.51	3333	0	84.44	10.23	9	(β2 0.96)
20001+3355	33	3.04	2.55	4.66	2.06	3322	94	70.77	1.82	2	(γ1 1.00)
20002-3804	13	1.02	0.05	0.25	1.64	3321	11	2.76	-29.84	4	(δ5 1.00)
20002-5121	23	0.87	0.52	0.12	1.14	3331	5	347.48	-31.95	3	(λ7 1.00)
20003-5552	23	0.38	1.35	-0.11	0.12	3331	26	342.16	-32.24	4	(β2 1.00)
20004+2955	22	-0.12	1.73	-0.37	3.25	3331	15	67.42	-0.36	5	(β6 1.00)
20005+3038	33	1.17	0.31	1.74	4.07	3311	17	68.03	-0.00	4	(δ2 1.00)
20006-8135	23	0.95	0.08	0.18	3.34	3331	22	312.22	-29.68	3	(δ6 1.00)
20009+6440	12	0.56	0.06	-0.13	1.78	3331	0	97.77	17.38	5	(δ1 1.00)
20010+3011	11	-0.78	1.19	0.18	2.74	3331	17	67.72	-0.34	7	(β11 1.00)
20010+7620	23	1.34	0.06	-0.00	2.46	3321	7	108.93	22.48	3	(δ6 1.00)
20011+2950	12	-0.05	0.88	0.03	3.87	3331	34	67.43	-0.54	5	(β9 1.00)
20014+2830	22	0.18	1.18	0.56	3.54	3331	99	66.33	-1.31	4	(λ20 1.00)
20015+3019	11	-1.89	1.19	0.25	0.46	3333	90	67.89	-0.36	20	(β11 1.00)
20016+3548	33	1.07	0.69	0.36	3.72	3311	0	72.53	2.56	3	(η1 1.00)
20019+4434	22	0.57	0.96	0.89	4.51	3331	34	80.01	7.18	3	(λ21 1.00)
20024+3330	11	-0.17	2.70	2.97	1.12	3332	15	70.67	1.20	7	(ζ0 1.00)
20026+3640	12	-0.37	0.54	0.71	1.73	3331	24	73.36	2.87	10	(λ25 1.00)
20026+4018	23	0.18	0.75	0.24	4.55	3331	14	76.43	4.81	6	(λ28 0.97)
20026+6743	23	1.02	-0.02	-0.06	2.33	3331	6	100.70	18.64	4	(δ3 0.90)
20028+2030	23	0.57	0.41	0.81	1.26	3333	5	59.74	-5.87	4	(α5 1.00)
20028+3602	23	0.89	1.17	-0.24	3.57	3311	31	72.86	2.49	3	(β3 1.00)
20028+3910	11	-0.42	3.32	1.46	-0.11	3333	5	75.49	4.18	5	(γ0 1.00)
20031+1521	23	1.36	0.10	-0.10	2.45	3321	12	55.36	-8.64	3	(δ6 1.00)
20035-5301	23	0.34	0.06	-0.08	1.28	3331	50	345.55	-32.57	7	(δ1 1.00)
20037+2527	23	0.85	0.50	0.41	2.47	3332	7	64.04	-3.38	3	(λ18 0.97)
20038-2722	11	-2.86	0.53	0.06	0.31	3333	0	14.77	-27.68	67	(λ30 1.00)
20042+1040	13	-0.37	0.47	-0.45	0.65	3331	99	51.44	-11.30	5	(β1 1.00)
20042+4713	23	1.06	0.89	0.03	3.33	3331	98	82.49	8.23	2	(β12 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
20042-4241	11	-2.23	1.19	0.01	-0.13	3333	97	357.69	-31.50	26	(β0 1.00)
20043+2653	22	0.50	2.48	1.09	0.03	3333	96	65.32	-2.71	4	(ζ3 1.00)
20043+3508	22	0.21	0.48	1.56	3.37	3311	68	72.26	1.75	5	(α0 1.00)
20044+2417	23	0.46	0.68	1.05	1.32	3333	3	63.14	-4.14	5	(λ7 1.00)
20046+6752	13	1.22	0.08	0.13	2.05	3331	2	100.93	18.54	3	(δ2 0.95)
20046-3052	33	1.15	0.50	0.12	1.46	3321	0	11.03	-28.90	3	(λ16 1.00)
20046-8131	12	-0.35	1.10	-0.27	0.11	3333	99	312.25	-29.84	5	(β1 1.00)
20047+1248	12	-0.90	0.81	-0.12	0.16	3333	98	53.37	-10.31	9	(β1 1.00)
20052+0554	11	-1.72	1.11	-0.04	-0.03	3333	99	47.37	-13.95	15	(β0 1.00)
20053+2958	13	0.98	1.31	0.26	4.70	3331	99	68.03	-1.23	3	(λ24 1.00)
20054+3047	23	1.29	1.15	0.40	4.95	3331	11	68.74	-0.81	3	(λ16 0.98)
20056+1834	12	0.52	1.59	0.57	0.41	3331	36	58.44	-7.46	3	(η0 1.00)
20063+4145	23	1.15	0.75	2.45	3.74	3311	17	78.04	5.00	3	(λ29 1.00)
20065+3509	22	0.41	0.82	0.98	3.76	3311	66	72.52	1.38	3	(ζ4 1.00)
20067+3231	23	0.76	1.40	0.33	4.51	3331	60	70.34	-0.10	2	(η1 1.00)
20068+3328	22	1.06	4.11	3.38	1.33	3333	3	71.15	0.40	4	(γ0 1.00)
20068-2544	13	0.62	0.61	0.18	0.75	3331	3	16.75	-27.80	5	(λ7 0.96)
20069+2148	33	1.25	0.52	0.29	3.94	3331	0	61.36	-5.98	3	(λ16 0.98)
20072+3116	11	-1.96	0.92	0.40	0.94	3333	96	69.35	-0.87	23	(λ30 1.00)
20075-6005	11	-3.23	0.79	0.06	0.06	3333	7	337.15	-33.21	43	(λ34 1.00)
20077-0625	21	-4.12	1.38	0.15	-0.21	3333	60	36.36	-20.42	143	(ε1 1.00)
20079+2608	23	0.49	0.46	-0.04	2.43	3331	22	65.13	-3.81	5	(λ7 1.00)
20079+4743	13	0.51	0.25	0.74	2.74	3331	0	83.26	7.97	4	(α5 1.00)
20079-0146	12	-0.82	0.76	-0.06	0.17	3333	2	40.73	-18.29	10	(λ30 1.00)
20082+2911	12	-0.09	0.26	0.27	4.29	3331	74	67.72	-2.20	6	(α0 1.00)
20082+3228	12	-0.68	0.96	-0.06	4.07	3331	98	70.46	-0.38	8	(λ20 1.00)
20084+2750	33	1.16	1.34	0.10	4.15	3331	99	66.63	-2.98	2	(λ6 1.00)
20084-1425	13	0.29	0.46	0.03	0.72	3331	99	28.63	-24.01	5	(α5 1.00)
20086+3318	12	-0.20	1.00	-0.05	4.09	3331	2	71.21	0.00	5	(λ12 1.00)
20088+1439	23	1.10	0.84	-0.37	1.91	3331	0	55.51	-10.19	3	(λ35 1.00)
20094-1121	11	-0.64	0.94	-0.07	-0.03	3333	46	31.78	-22.96	9	(β8 1.00)
20095+2726	12	-0.02	1.47	0.10	1.40	3332	99	66.42	-3.38	4	(ε1 1.00)
20095+3533	23	0.47	1.15	0.77	3.76	3311	0	73.19	1.09	4	(β1 1.00)
20095+4312	23	1.34	0.76	3.70	3.71	3311	99	79.58	5.30	2	(ε2 1.00)
20096+4019	23	1.11	1.04	0.65	5.88	3321	99	77.18	3.70	3	(α6 0.99)
20100-6225	23	1.07	0.16	0.85	1.49	3333	0	334.33	-33.39	4	(δ6 0.99)
20101+4123	22	0.61	0.54	1.86	3.98	3311	96	78.13	4.22	3	(α0 0.80)
20103+3339	33	1.28	0.94	1.38	4.50	3311	99	71.70	-0.10	3	(α6 1.00)
20103+3927	23	0.36	0.43	1.92	3.70	3311	99	76.53	3.11	5	(α5 1.00)
20105+3313	23	0.82	1.00	0.81	4.56	3331	20	71.36	-0.38	3	(β9 1.00)
20109+3205	12	-0.75	1.00	0.03	2.80	3331	99	70.47	-1.08	8	(β1 1.00)
20110+3321	22	0.67	3.26	3.37	1.65	3332	5	71.52	-0.38	4	(ζ0 1.00)
20111-4708	11	-0.44	0.57	-0.05	0.27	3332	97	352.67	-33.32	8	(λ30 1.00)
20112-5206	33	1.38	0.69	-0.03	1.64	3331	23	346.72	-33.69	3	(α3 1.00)
20113+4917	11	-1.37	0.89	-0.18	1.17	3331	6	84.90	8.35	14	(β8 1.00)
20115+3834	13	0.15	0.37	0.83	4.34	3321	95	75.93	2.42	6	(δ5 0.76)
20116-5445	23	0.99	0.88	-0.06	1.40	3331	7	343.53	-33.82	3	(δ7 1.00)
20118-0009	13	0.26	0.54	-0.13	0.77	3331	17	42.73	-18.38	6	(λ25 1.00)
20120+4427	33	1.18	0.95	2.94	3.04	3311	12	80.89	5.61	2	(λ26 1.00)
20120+4635	23	-0.02	0.17	0.36	3.26	3311	0	82.68	6.78	8	(δ0 1.00)
20120-4433	12	-0.32	1.10	0.89	1.61	3333	29	355.74	-33.16	7	(λ30 1.00)
20121+0437	23	0.51	0.66	-0.15	1.31	3331	54	47.13	-16.08	4	(λ24 0.95)
20121+3914	23	0.97	0.93	2.24	3.69	3311	16	76.54	2.70	3	(λ6 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
20124+6605	11	-0.27	0.30	0.18	0.67	3331	33	99.67	17.01	8	(λ25 1.00)
20125+0856	12	-0.10	0.51	-0.15	1.25	3333	7	51.00	-13.95	6	(λ30 1.00)
20127+2430	12	0.53	1.44	-0.29	1.53	3331	9	64.36	-5.62	3	(β2 1.00)
20131-3636	12	-0.03	0.09	-0.05	1.03	3331	22	5.09	-32.02	8	(δ0 1.00)
20134+0730	13	0.20	0.21	0.17	0.79	3331	29	49.87	-14.88	6	(δ1 1.00)
20135+3055	22	-0.17	0.71	0.05	4.62	3331	17	69.79	-2.19	6	(λ30 0.91)
20135+5935	23	0.31	1.14	-0.13	1.24	3332	0	93.93	13.58	4	(β3 1.00)
20135-7152	11	-1.56	1.29	-0.02	-0.17	3333	99	323.11	-32.48	21	(β0 1.00)
20136+2739	23	0.92	0.06	-0.11	5.43	3331	10	67.11	-4.04	5	(δ2 0.98)
20136+3651	23	1.08	0.43	2.12	3.93	3311	48	74.73	1.13	3	(δ7 1.00)
20139+2404	23	0.90	0.96	-0.11	1.87	3331	99	64.15	-6.08	3	(β3 0.74)
20139+4733	21	-0.44	0.02	-0.41	5.18	3311	4	83.67	7.05	12	(δ0 1.00)
20140+3620	23	0.82	1.31	1.57	3.33	3311	99	74.35	0.77	3	(β6 1.00)
20141+3113	12	-0.22	1.06	-0.44	4.05	3331	99	70.12	-2.12	4	(β8 0.99)
20142+8001	23	0.74	0.58	0.04	1.68	3331	7	112.87	23.41	3	(λ24 1.00)
20144+3526	21	0.18	3.72	2.86	0.92	3333	10	73.65	0.19	3	(γ1 1.00)
20144-3916	12	-0.42	0.43	-0.15	0.44	3331	22	2.06	-32.79	7	(λ25 1.00)
20145+0654	33	1.38	0.04	0.46	3.39	3311	7	49.48	-15.43	3	(α3 1.00)
20145+3656	12	0.37	0.92	-0.04	4.96	3321	6	74.91	1.02	4	(λ20 1.00)
20149+3440	33	1.78	1.77	5.00	2.15	3323	0	73.06	-0.32	3	(ζ1 1.00)
20151+4012	23	0.99	-0.00	3.60	3.75	3311	19	77.67	2.76	5	(δ2 1.00)
20152-1242	33	0.99	-0.04	0.07	1.88	3331	1	31.09	-24.81	4	(δ3 1.00)
20156+2130	22	0.36	1.24	0.20	2.60	3331	99	62.21	-7.82	5	(β0 1.00)
20159+3134	12	0.34	0.88	0.30	4.68	3331	84	70.64	-2.25	5	(λ24 1.00)
20159+3355	23	0.13	0.10	0.33	5.48	3321	10	72.58	-0.91	5	(δ1 1.00)
20160+0725	23	1.13	1.26	0.05	2.33	3331	18	50.14	-15.48	2	(θ0 1.00)
20161-1600	11	-0.34	1.02	-0.60	0.33	3331	32	27.83	-26.34	7	(β1 1.00)
20165+3413	11	-1.40	0.94	-0.38	3.20	3331	99	72.89	-0.85	11	(β1 1.00)
20165-5051	12	-0.88	0.73	0.00	0.40	3333	3	348.26	-34.46	12	(λ30 1.00)
20166+3717	23	1.07	0.38	3.33	3.52	3311	98	75.43	0.87	3	(δ7 1.00)
20168-7849	22	0.34	1.61	-0.17	-0.17	3333	99	315.12	-31.05	5	(β2 1.00)
20171+2732	12	0.66	1.49	0.29	0.57	3331	99	67.44	-4.73	4	(β2 1.00)
20171+3519	11	-0.80	1.26	0.35	3.07	3331	99	73.86	-0.32	7	(λ20 1.00)
20173+3714	23	1.59	2.19	4.51	2.01	3333	79	75.45	0.73	3	(ζ1 1.00)
20173+6651	23	1.07	0.71	-0.28	3.41	3331	5	100.62	16.97	3	(λ35 1.00)
20174+3821	23	0.67	1.21	2.33	3.18	3311	79	76.39	1.35	3	(β2 1.00)
20175-3700	23	1.05	0.26	0.28	1.42	3331	34	4.84	-32.96	4	(δ5 0.99)
20180+3558	23	1.59	2.16	4.78	1.65	3333	1	74.50	-0.11	3	(ζ1 1.00)
20180+3647	22	0.64	1.27	1.56	3.38	3311	99	75.16	0.36	3	(λ24 1.00)
20181+2234	12	0.11	1.83	0.16	1.49	3331	99	63.44	-7.72	4	(ζ4 1.00)
20182-1456	13	0.39	-0.04	0.00	1.35	3331	4	29.15	-26.37	6	(δ1 1.00)
20185+3848	23	0.53	0.91	0.65	4.92	3321	96	76.89	1.43	3	(λ24 1.00)
20187+4111	21	-0.91	2.12	3.45	1.65	2312	48	78.87	2.76	12	(ζ0 1.00)
20187+6256	13	1.02	1.11	-0.13	1.34	3331	82	97.21	14.81	3	(β6 1.00)
20193+3527	11	-0.42	1.11	0.40	3.40	3311	10	74.22	-0.61	6	(λ34 1.00)
20194+1707	23	0.63	0.96	0.12	0.88	3331	99	59.02	-10.99	4	(β1 0.99)
20194+3646	11	-2.68	1.22	0.18	1.76	3331	24	75.32	0.11	39	(β11 1.00)
20194+3803	23	1.30	0.77	3.18	3.72	3311	1	76.36	0.85	3	(λ18 1.00)
20198+3553	33	1.25	0.62	2.95	3.44	3311	96	74.65	-0.46	3	(α1 1.00)
20198+4017	12	-0.34	0.75	1.88	3.14	3311	5	78.24	2.07	8	(λ25 1.00)
20198+6843	12	-0.71	0.12	-0.12	0.44	3332	19	102.43	17.72	14	(δ0 1.00)
20200+3624	11	-0.08	0.69	0.75	4.46	3331	9	75.07	-0.19	6	(λ24 1.00)
20201+1645	23	0.74	0.09	-0.22	2.23	3331	7	58.79	-11.34	4	(δ1 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
20204+2914	12	-0.28	0.91	0.25	0.36	3331	98	69.26	-4.38	6	(α0 1.00)
20208+0747	22	0.45	0.51	0.55	1.36	3333	2	51.10	-16.30	5	(δ8 1.00)
20210+1812	13	0.77	0.13	0.01	3.42	3331	22	60.14	-10.71	4	(δ8 1.00)
20211+3100	13	0.76	1.55	-0.21	3.72	3331	2	70.79	-3.48	3	(ε2 0.99)
20212+4301	23	0.92	1.11	2.82	2.60	3312	7	80.64	3.42	3	(η0 1.00)
20212+5151	22	0.31	0.74	-0.04	1.77	3331	10	87.93	8.46	4	(λ24 1.00)
20213+0047	23	0.28	0.34	0.03	0.98	3331	46	44.83	-19.99	6	(δ8 0.91)
20215+3205	12	-0.44	1.52	-0.09	3.36	3331	99	71.74	-2.94	7	(ε1 1.00)
20215+6243	11	-0.22	0.96	-0.22	0.33	3331	81	97.20	14.43	5	(λ34 1.00)
20217+3330	21	-0.43	1.35	0.24	3.35	3331	99	72.92	-2.13	5	(ε1 1.00)
20220+3404	22	0.47	1.76	-0.00	4.36	3331	99	73.42	-1.87	3	(ζ1 1.00)
20220+3728	22	1.01	4.20	4.06	1.99	3333	8	76.19	0.10	6	(γ0 1.00)
20223+6935	13	0.55	0.34	0.28	2.85	3331	87	103.32	17.98	3	(α5 1.00)
20231+2350	23	0.45	0.93	-0.20	2.80	3331	2	65.14	-7.94	4	(λ21 1.00)
20233+3343	12	-0.12	1.20	-0.18	4.16	3331	90	73.27	-2.29	4	(β0 1.00)
20234-1357	12	-0.54	1.51	0.37	-0.23	3333	99	30.72	-27.14	9	(β0 0.97)
20239+2604	12	-0.06	1.01	-0.18	2.54	3331	10	67.10	-6.83	5	(λ34 0.97)
20241+3156	23	0.62	0.87	-0.09	5.14	3331	99	71.93	-3.46	3	(β4 1.00)
20242+4058	23	0.88	0.97	2.76	3.62	3331	6	79.29	1.78	3	(λ10 0.99)
20246+1456	33	0.66	0.96	-0.28	1.14	3331	99	57.85	-13.24	3	(β7 1.00)
20248+3807	33	1.37	0.22	4.15	3.09	3311	0	77.04	0.02	3	(δ4 1.00)
20248+7505	11	-1.67	1.14	-0.20	0.01	3333	8	108.45	20.60	16	(λ34 0.99)
20248-2825	11	-3.10	0.53	-0.05	0.09	3333	1	15.18	-32.43	84	(λ30 1.00)
20249+4046	23	1.04	1.22	2.88	3.52	3311	43	79.20	1.56	4	(β10 0.97)
20251-0549	23	0.68	0.16	-0.03	1.47	3331	13	39.06	-23.97	4	(δ5 0.99)
20252+3623	23	0.86	0.28	3.04	3.48	3311	5	75.68	-1.05	3	(λ7 1.00)
20253+2407	23	0.53	0.77	-0.01	3.02	3331	99	65.66	-8.19	3	(β4 1.00)
20253+3814	11	-0.36	1.14	0.78	3.65	3331	99	77.20	0.01	7	(λ20 1.00)
20255+3712	12	-2.15	4.28	3.40	1.39	3333	1	76.38	-0.62	58	(γ0 1.00)
20255+4054	11	-0.39	0.68	1.87	3.39	3311	96	79.38	1.54	7	(λ30 1.00)
20259-4035	12	-0.15	0.87	0.25	-0.08	3332	99	0.92	-35.18	7	(β8 1.00)
20261+3825	23	1.82	2.19	4.98	1.88	3322	0	77.44	-0.01	3	(ζ0 1.00)
20263+4245	33	1.19	0.17	4.09	3.31	3311	40	80.96	2.50	2	(α3 1.00)
20264+4319	12	-0.58	1.01	1.59	3.29	3311	99	81.43	2.82	8	(β1 1.00)
20266+3544	33	1.62	1.71	4.12	1.90	3333	0	75.32	-1.66	3	(ζ1 1.00)
20267+2105	11	-0.83	1.56	0.54	0.22	3333	99	63.34	-10.19	9	(ε1 1.00)
20268+0040	33	1.31	1.14	-0.47	1.72	3331	68	45.45	-21.22	3	(β6 1.00)
20268+1606	22	-0.55	0.51	0.05	0.76	3333	12	59.15	-13.03	9	(λ25 1.00)
20270+0943	12	-0.05	0.65	-0.15	0.37	3331	10	53.66	-16.57	6	(λ25 1.00)
20272+3535	12	0.97	2.71	1.95	0.75	3333	99	75.27	-1.84	4	(ζ3 1.00)
20273+3932	23	-0.09	1.17	3.23	2.05	3311	86	78.47	0.47	4	(λ33 1.00)
20275+4001	11	-2.98	2.57	3.58	1.19	2333	0	78.88	0.71	72	(ζ3 1.00)
20276+3033	33	1.39	0.69	0.27	4.77	3331	99	71.25	-4.88	2	(β7 1.00)
20277+0142	33	1.53	0.31	0.25	1.96	3311	15	46.53	-20.90	3	(δ4 1.00)
20278+3521	23	1.77	2.37	4.56	1.49	3333	18	75.15	-2.09	2	(ζ1 1.00)
20280+2631	22	0.55	1.71	-0.11	2.05	3331	97	68.00	-7.30	4	(ε2 1.00)
20280+2904	23	0.94	0.78	-0.14	4.45	3331	77	70.08	-5.82	3	(λ21 1.00)
20281+4038	33	2.74	3.49	4.28	2.10	3332	75	79.45	1.00	2	(ζ2 1.00)
20282+3604	22	-0.37	0.65	0.40	3.13	3321	29	75.78	-1.72	9	(α0 1.00)
20285+3641	23	1.17	0.66	2.42	3.71	3311	0	76.32	-1.41	3	(λ18 1.00)
20286+4105	12	0.85	3.69	4.22	1.72	3333	24	79.87	1.18	5	(γ0 1.00)
20288+2928	33	1.13	1.14	0.09	3.66	3331	99	70.52	-5.73	3	(β10 1.00)
20290+3254	33	0.86	0.96	-0.12	5.12	3331	99	73.32	-3.73	3	(β6 0.99)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
20290+6652	22	0.80	1.04	-0.22	2.71	3331	63	101.26	16.00	3	(β2 1.00)
20296+3742	22	0.80	1.15	0.69	2.88	3322	99	77.26	-0.99	3	(ε2 1.00)
20296+4028	23	0.84	0.80	1.86	4.29	3321	12	79.49	0.66	3	(λ18 1.00)
20296-2151	12	-0.14	1.09	-0.13	-0.18	3331	94	22.94	-31.44	6	(β1 1.00)
20297+3221	11	-0.15	0.97	-0.01	4.06	3331	14	72.96	-4.18	5	(β8 1.00)
20297-3553	23	1.07	0.65	-0.04	1.38	3331	33	6.72	-35.15	3	(λ7 1.00)
20300-8127	23	1.09	0.03	-0.13	2.11	3321	0	311.99	-30.75	4	(δ3 1.00)
20301+3933	33	1.47	1.25	1.75	5.29	3321	56	78.80	0.05	2	(ζ1 1.00)
20302+3517	12	0.38	0.76	0.55	2.28	3332	0	75.39	-2.52	4	(λ28 1.00)
20305+6246	22	-0.06	0.54	-0.14	2.81	3331	0	97.84	13.59	6	(λ30 1.00)
20310+4029	11	-2.00	1.05	1.43	1.25	3312	18	79.66	0.46	22	(λ20 1.00)
20311-2325	33	1.43	0.46	-0.21	2.11	3311	0	21.34	-32.29	3	(λ0 1.00)
20317+5417	23	1.25	0.11	0.21	3.07	3331	7	90.86	8.57	4	(δ5 1.00)
20318+3829	11	-0.68	1.09	2.45	3.47	3311	18	78.15	-0.86	9	(η0 1.00)
20319+3958	12	0.07	3.51	3.69	1.34	3332	45	79.35	0.00	8	(γ0 1.00)
20320+1534	22	0.62	1.00	0.00	0.64	3331	99	59.42	-14.37	4	(β1 0.99)
20322+3905	13	0.40	1.41	2.49	3.43	3311	97	78.68	-0.56	4	(α6 1.00)
20322-0737	12	0.02	0.77	0.12	0.68	3333	26	38.18	-26.38	5	(λ30 1.00)
20323+3153	23	-0.29	0.97	0.19	2.95	3331	99	72.92	-4.91	5	(α0 1.00)
20324+2806	33	1.53	0.21	0.69	2.70	3331	8	69.87	-7.17	3	(δ3 1.00)
20330+2823	12	0.20	0.73	-0.06	1.33	3331	98	70.19	-7.11	5	(λ30 1.00)
20331+4621	12	-1.21	0.96	0.13	2.36	3323	99	84.58	3.67	9	(λ30 1.00)
20333+3746	23	0.77	0.36	0.84	6.98	3331	99	77.76	-1.53	4	(α4 1.00)
20340+5338	11	-1.06	0.34	0.20	0.54	3331	99	90.55	7.91	13	(λ25 0.54)
20340-4728	23	0.29	-0.09	-0.24	2.10	3331	1	352.57	-37.21	6	(δ1 1.00)
20341-0243	13	0.59	0.03	-0.17	1.65	3331	1	43.21	-24.49	5	(δ2 1.00)
20342+3457	23	0.91	0.68	2.20	3.40	3311	38	75.61	-3.37	3	(λ28 1.00)
20343-3020	23	0.46	0.95	-0.13	0.55	3331	99	13.59	-34.91	3	(β2 1.00)
20350+3741	11	-1.30	0.75	-0.08	4.92	3331	99	77.89	-1.84	15	(β1 1.00)
20350+5954	12	-0.06	1.00	-0.53	2.91	3331	39	95.76	11.51	5	(β1 1.00)
20351+2618	23	1.10	0.52	0.37	3.59	3331	84	68.78	-8.72	2	(β13 1.00)
20351+3450	12	0.17	1.11	-0.27	4.67	3331	99	75.64	-3.59	4	(β1 1.00)
20356+1805	11	-1.98	0.17	-0.20	-0.13	3333	17	62.06	-13.64	39	(δ0 1.00)
20359-3806	12	-1.17	0.75	-0.02	0.16	3333	21	4.28	-36.75	9	(λ30 1.00)
20363+3401	33	1.65	1.35	-0.31	5.43	3331	99	75.14	-4.28	3	(β7 1.00)
20365+1154	11	-0.40	1.34	0.05	-0.33	3333	99	56.92	-17.33	5	(ε1 1.00)
20372-1818	23	0.22	0.01	0.09	1.04	3331	3	27.57	-31.87	7	(δ0 1.00)
20376+5320	12	0.29	0.96	-0.19	2.25	3331	0	90.62	7.32	3	(β8 1.00)
20377+3901	22	-0.51	1.14	-0.05	5.16	3321	2	79.27	-1.45	7	(λ34 1.00)
20379+1917	23	0.55	0.97	-0.16	0.89	3331	16	63.39	-13.38	3	(λ21 1.00)
20379+5921	33	1.08	0.62	0.03	2.18	3331	3	95.52	10.88	3	(ζ1 1.00)
20380-4218	23	0.53	0.07	0.09	1.29	3331	7	359.10	-37.63	5	(δ1 1.00)
20381+5001	12	-0.15	1.31	-0.05	2.76	3331	6	88.01	5.24	5	(β0 1.00)
20383+0100	23	0.65	0.49	0.00	1.08	3331	1	47.33	-23.55	3	(λ7 1.00)
20391+4023	12	0.31	0.67	1.18	4.33	3312	0	80.51	-0.83	5	(λ20 1.00)
20392+1141	12	-0.29	1.00	0.04	0.01	3333	99	57.11	-18.00	5	(β8 1.00)
20392-0548	23	1.06	0.75	0.10	1.13	3331	43	40.88	-27.07	2	(λ18 1.00)
20396+4757	11	-3.43	0.43	0.19	-0.03	3333	19	86.54	3.77	92	(α0 1.00)
20396-0826	13	0.96	1.30	-0.02	0.60	3331	99	38.28	-28.37	3	(β4 1.00)
20398-3802	12	0.74	0.71	0.04	0.91	3331	5	4.51	-37.50	3	(λ28 1.00)
20401+2550	33	1.07	1.02	0.40	1.37	3331	4	69.08	-9.91	2	(λ27 1.00)
20402+2718	23	0.40	0.55	0.03	2.66	3331	12	70.26	-9.03	4	(λ7 0.99)
20403+3700	11	-0.87	1.19	0.22	3.70	3331	99	78.00	-3.10	8	(β0 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
20406+3831	23	0.92	0.55	3.49	3.83	3311	6	79.23	-2.21	4	(λ28 1.00)
20407+1654	23	0.63	0.52	-0.20	1.23	3331	20	61.79	-15.32	4	(λ7 1.00)
20415+3156	23	1.25	0.21	0.99	3.78	3331	3	74.14	-6.41	2	(α6 1.00)
20416+1903	12	-0.56	0.66	-0.13	0.78	3333	88	63.72	-14.24	8	(λ30 1.00)
20417+3759	23	0.40	0.54	2.94	3.74	3311	75	78.94	-2.72	5	(λ25 1.00)
20417-0500	11	-0.44	0.64	-0.09	0.19	3332	99	42.00	-27.27	6	(β8 1.00)
20422+4644	23	0.74	1.68	0.70	1.49	3331	1	85.85	2.67	3	(ζ4 1.00)
20423+2742	13	0.16	1.18	-0.14	2.24	3331	99	70.88	-9.16	3	(β2 1.00)
20424+5921	23	0.97	0.46	0.10	2.55	3331	98	95.88	10.43	3	(α5 1.00)
20425+3218	22	-0.62	1.03	-0.38	2.42	3331	99	74.56	-6.35	5	(β0 1.00)
20427+4953	23	1.07	1.02	-0.06	4.72	3331	25	88.37	4.57	3	(β4 1.00)
20427-8243	12	0.05	0.73	-0.02	0.27	3333	12	310.44	-30.67	5	(λ30 1.00)
20430+5618	13	0.43	0.09	-0.05	2.49	3331	6	93.47	8.49	6	(δ1 1.00)
20431+1754	11	-1.75	0.91	-0.26	0.08	3333	8	62.98	-15.20	21	(β8 1.00)
20435+3825	11	-1.81	0.82	0.22	1.25	3321	29	79.49	-2.71	20	(λ30 1.00)
20438-0415	21	-0.89	0.55	-0.33	0.13	3333	97	43.01	-27.35	9	(λ30 1.00)
20440-0105	11	-2.18	0.92	-0.20	-0.12	3333	99	46.13	-25.84	20	(β1 1.00)
20442+3347	22	-0.44	-0.06	-0.25	3.21	3331	5	75.95	-5.72	11	(δ1 1.00)
20442+6139	13	0.72	-0.07	0.25	2.99	3331	5	97.86	11.64	4	(δ5 0.99)
20443+1556	33	1.24	-0.03	0.31	1.87	3311	30	61.49	-16.58	4	(δ2 1.00)
20444+0540	12	-0.20	1.37	0.26	0.34	3333	99	52.51	-22.39	6	(β0 1.00)
20449+2227	23	0.72	0.95	-0.21	1.03	3332	0	67.01	-12.82	3	(β3 1.00)
20451-0512	12	-0.82	0.04	-0.02	0.24	3332	5	42.24	-28.08	17	(δ0 1.00)
20454+1908	22	0.11	1.13	0.22	-0.17	3333	64	64.35	-14.90	5	(λ34 1.00)
20458+5813	23	0.57	0.15	-0.11	2.37	3331	9	95.24	9.39	5	(δ6 1.00)
20460-4624	23	0.74	0.03	-0.29	1.96	3331	13	353.95	-39.24	4	(δ5 0.87)
20461+2803	13	0.46	0.23	0.49	1.42	3333	34	71.69	-9.60	6	(δ1 1.00)
20461+4817	13	0.41	1.03	0.24	2.17	3331	45	87.47	3.13	4	(λ20 1.00)
20466+2248	12	-0.82	0.37	-0.01	0.52	3333	0	67.53	-12.91	14	(λ25 1.00)
20467-0044	12	-0.83	0.51	-0.00	0.30	3333	0	46.84	-26.25	12	(λ25 1.00)
20472+3302	23	0.53	0.25	1.19	1.43	3333	29	75.77	-6.68	4	(α5 1.00)
20473+1125	23	1.05	0.91	-0.06	1.12	3331	34	58.07	-19.79	2	(α6 1.00)
20477+5020	13	0.84	0.65	0.48	3.39	3333	91	89.23	4.22	3	(λ24 1.00)
20479+0554	11	-0.36	1.00	-0.30	0.59	3333	16	53.24	-23.00	6	(λ34 1.00)
20481+3718	23	0.90	0.69	0.79	2.23	3331	0	79.21	-4.12	3	(λ18 1.00)
20482+3359	23	1.36	0.91	0.22	4.62	3331	6	76.64	-6.24	2	(λ6 1.00)
20484-7202	11	-2.00	1.03	-0.34	-0.18	3333	99	322.05	-35.04	13	(β0 1.00)
20487-1117	23	0.44	0.81	0.08	0.60	3331	5	36.45	-31.63	4	(λ7 1.00)
20488-2706	22	-0.34	0.04	-0.14	0.67	3331	11	18.46	-37.18	10	(δ1 1.00)
20491+4236	11	-0.72	1.82	0.25	1.21	3331	99	83.42	-0.89	7	(ζ4 1.00)
20499+4657	12	-0.03	1.41	-0.12	3.03	3331	59	86.85	1.79	5	(β11 1.00)
20502+4709	11	-1.42	0.99	0.03	2.38	3331	55	87.03	1.89	13	(λ34 1.00)
20503+2658	22	0.00	0.62	0.09	1.83	3331	0	71.42	-11.00	5	(λ20 1.00)
20504+5106	23	1.12	0.22	0.66	3.28	3331	11	90.09	4.38	4	(δ8 0.58)
20507+2310	12	-1.01	0.73	-0.24	0.24	3333	10	68.43	-13.44	8	(λ34 1.00)
20509+4212	12	0.34	1.60	0.68	2.41	3322	21	83.33	-1.40	3	(ε1 1.00)
20509-5838	23	0.41	-0.09	-0.25	1.67	3331	0	338.16	-38.85	5	(δ8 1.00)
20511+2523	12	-0.21	0.82	0.08	0.66	3332	10	70.27	-12.14	6	(λ30 1.00)
20511-0149	13	0.82	0.79	-0.11	1.06	3331	67	46.42	-27.74	3	(λ21 1.00)
20513-6253	23	1.28	0.68	0.14	1.38	3331	78	332.84	-37.99	2	(λ1 1.00)
20514+5331	13	0.96	0.33	0.33	2.97	3331	40	92.05	5.82	3	(δ2 1.00)
20518+3314	23	1.22	0.04	0.02	2.44	3321	6	76.54	-7.30	3	(δ3 1.00)
20524+2751	23	1.14	0.03	-0.13	2.23	3321	29	72.41	-10.80	4	(δ5 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
20526-5431	12	-0.78	0.99	-0.19	0.12	3333	99	343.37	-39.76	13	(λ25 1.00)
20529+3013	11	-1.96	0.99	0.97	0.25	3232	99	74.34	-9.41	26	(β1 1.00)
20532+5554	11	-0.79	1.26	0.31	0.04	3331	99	94.06	7.14	9	(λ20 1.00)
20541-6549	11	-2.01	0.79	-0.06	-0.13	3333	99	329.17	-37.49	21	(β1 1.00)
20545+6650	23	0.94	0.93	-0.08	1.97	3331	88	102.76	13.97	3	(β1 1.00)
20546+6405	13	0.51	0.63	0.19	3.52	3331	54	100.57	12.23	3	(α4 0.91)
20547+0247	12	-0.52	1.24	0.56	-0.26	3333	75	51.36	-26.11	7	(η0 1.00)
20548+1603	12	0.31	0.31	0.12	0.81	3331	5	63.17	-18.54	6	(δ8 0.96)
20549+5245	11	-0.90	1.30	0.52	0.99	3333	13	91.80	4.92	8	(β0 1.00)
20557+5416	23	1.08	0.28	-0.26	3.62	3321	31	93.04	5.82	3	(δ5 1.00)
20564+1857	13	0.60	0.47	0.09	1.14	3331	99	65.83	-17.09	4	(α5 1.00)
20567+4727	23	0.55	1.10	-0.12	4.01	3331	64	87.98	1.23	3	(β3 1.00)
20570+2714	11	-2.49	0.87	0.20	-0.22	3333	98	72.58	-11.98	42	(λ30 1.00)
20571-3706	22	0.15	1.21	-0.03	-0.02	3331	99	6.23	-40.80	4	(β2 1.00)
20577+3339	23	1.20	0.64	-0.31	3.21	3321	0	77.66	-7.97	3	(λ26 1.00)
20581+1907	33	0.71	0.13	0.01	1.49	3331	0	66.23	-17.29	6	(δ2 1.00)
20581+5841	22	-0.04	0.81	-0.13	3.06	3331	93	96.64	8.44	5	(λ34 1.00)
20594+4956	23	1.08	0.53	0.96	4.33	3321	25	90.14	2.53	3	(λ7 1.00)
20595+1848	13	0.25	0.73	-0.08	0.65	3331	38	66.18	-17.76	4	(λ27 1.00)
20596+3833	22	-0.11	0.74	0.22	2.14	3331	99	81.63	-5.03	5	(α0 1.00)
20598+1758	33	0.87	1.09	0.03	0.69	3331	99	65.53	-18.31	3	(β9 1.00)
21000+8251	12	0.08	0.78	0.05	-0.11	3332	55	116.46	23.39	4	(β8 0.98)
21003+4801	11	-1.30	1.16	0.22	0.61	3333	99	88.80	1.15	17	(λ30 1.00)
21006+4720	12	-0.94	0.54	0.15	2.46	3331	6	88.32	0.66	12	(α0 1.00)
21008+5930	23	0.48	0.95	1.13	1.72	3333	6	97.50	8.71	4	(η0 1.00)
21012+2347	12	-0.83	0.19	-0.04	-0.06	3331	4	70.48	-14.93	17	(δ0 1.00)
21014-1133	33	1.63	3.94	2.39	0.42	3333	4	37.76	-34.57	4	(γ1 1.00)
21015+4859	12	0.09	1.04	-0.09	3.91	3331	99	89.65	1.65	4	(β8 1.00)
21019+2218	33	0.75	0.76	-0.15	1.10	3331	14	69.40	-16.00	3	(λ24 1.00)
21023+5002	12	0.18	1.93	2.91	2.01	3323	66	90.52	2.26	4	(ζ4 1.00)
21027+5309	12	-0.86	1.21	0.23	0.88	3331	96	92.87	4.30	10	(λ20 1.00)
21028+2711	12	-0.13	0.99	-0.03	0.66	3333	9	73.39	-13.00	5	(λ34 1.00)
21029+4917	13	0.65	1.22	0.13	3.90	3331	45	90.03	1.68	3	(β11 1.00)
21032-0024	11	-2.59	0.50	0.10	0.06	3333	97	49.58	-29.62	48	(α0 1.00)
21035+5136	11	-2.38	0.64	0.14	1.70	3331	87	91.81	3.17	47	(α0 1.00)
21036+0737	23	0.70	0.57	0.23	0.81	3331	65	57.20	-25.26	4	(λ7 1.00)
21037+3000	22	-0.18	0.92	-1.04	2.17	3331	6	75.71	-11.31	6	(β4 1.00)
21038+2912	23	0.67	0.54	-0.03	2.53	3331	5	75.11	-11.87	3	(λ7 1.00)
21041-2512	12	-0.00	0.11	-0.31	1.12	3331	9	21.97	-40.00	9	(δ1 1.00)
21044-1637	11	-2.27	0.80	-0.14	0.03	3333	39	32.41	-37.28	28	(β1 1.00)
21046+4739	33	2.68	3.77	2.80	0.76	3333	20	89.00	0.37	3	(γ1 1.00)
21046-2407	22	1.15	1.13	-0.12	1.05	3331	98	23.37	-39.81	3	(β2 1.00)
21049-0021	23	0.49	0.17	-0.05	2.53	3331	0	49.88	-29.95	6	(δ1 1.00)
21057+5312	23	1.37	0.71	0.66	3.12	3331	2	93.22	3.99	2	(η1 1.00)
21062+0058	13	0.60	1.12	0.04	0.35	3331	99	51.38	-29.51	4	(β4 0.93)
21069-3843	11	-1.95	1.14	-0.25	-0.32	3333	99	4.30	-42.85	20	(β1 1.00)
21070+4711	12	0.14	0.45	0.23	3.44	3331	1	88.95	-0.23	5	(α5 1.00)
21073+5138	12	-0.06	1.45	0.35	2.52	3333	21	92.24	2.76	4	(ε1 1.00)
21078+5211	12	1.34	4.12	4.94	2.06	3223	99	92.69	3.08	7	(γ0 1.00)
21086+5238	11	-0.71	0.87	0.16	2.02	3331	94	93.11	3.30	9	(λ20 1.00)
21087+4726	23	0.54	0.09	-0.08	4.99	3321	3	89.33	-0.27	4	(λ25 0.92)
21087-7019	23	0.17	0.13	-0.04	1.01	3331	5	323.27	-37.19	7	(δ1 1.00)
21088+6817	11	-3.56	0.43	-0.14	0.03	3333	70	104.81	13.84	135	(λ30 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
21094+2808	13	0.26	1.02	-0.36	0.54	3331	6	75.12	-13.49	4	(β1 1.00)
21095-5222	23	0.92	0.82	-0.10	1.12	3331	4	345.67	-42.56	3	(β13 1.00)
21100-1435	12	-0.87	0.67	-0.21	-0.41	3331	0	35.41	-37.73	11	(λ12 1.00)
21105+4746	13	0.28	0.86	-0.42	4.07	3331	0	89.78	-0.28	4	(β1 0.96)
21107+3001	13	0.63	0.06	-0.26	3.37	3331	0	76.75	-12.45	5	(δ2 1.00)
21114+5013	33	1.09	0.81	1.78	3.13	3311	7	91.64	1.31	3	(λ11 1.00)
21120+0736	22	-0.20	1.25	-0.32	-0.02	3332	99	58.52	-26.96	5	(β0 1.00)
21122+4900	12	0.73	1.72	0.56	1.73	3332	93	90.86	0.37	3	(ζ4 1.00)
21129-1522	23	-0.08	0.00	-0.08	0.92	3331	2	34.86	-38.69	9	(δ1 1.00)
21133+0903	33	1.54	0.45	0.03	1.98	3321	0	60.05	-26.35	2	(δ4 1.00)
21135+5200	23	0.47	0.79	-0.02	4.72	3321	12	93.16	2.32	4	(λ27 1.00)
21136+5705	13	0.48	0.31	0.31	2.52	3331	51	96.84	5.84	4	(α5 1.00)
21140+4841	13	0.81	0.32	-0.12	4.97	3321	49	90.84	-0.05	3	(α4 1.00)
21142+5349	22	0.09	0.56	-0.92	3.75	3311	9	94.54	3.50	5	(λ25 0.53)
21147+5110	12	-0.91	1.22	0.38	2.33	3331	87	92.69	1.59	9	(λ20 1.00)
21152+4945	23	0.94	0.25	1.40	2.32	3332	28	91.75	0.56	4	(λ7 1.00)
21158+0732	23	0.82	0.27	0.04	1.43	3331	2	59.10	-27.75	4	(δ2 1.00)
21160+5546	12	0.57	0.43	0.38	2.61	3331	22	96.13	4.68	3	(α4 1.00)
21160-6728	22	0.14	1.00	-0.56	0.63	3331	8	326.25	-38.95	5	(β4 1.00)
21164+1059	33	1.26	0.04	-0.10	2.24	3321	40	62.27	-25.79	3	(δ6 1.00)
21166+4945	23	1.09	0.66	0.36	4.20	3331	0	91.90	0.38	3	(λ18 1.00)
21167+5502	12	0.17	0.62	0.25	3.46	3331	1	95.68	4.10	5	(λ25 0.99)
21168-4514	12	-0.55	0.18	0.76	0.64	3333	13	355.26	-44.64	11	(δ0 1.00)
21170+2315	23	1.06	0.16	-0.03	1.93	3331	12	72.51	-18.01	3	(δ5 1.00)
21172+6058	13	0.42	0.12	-0.17	4.02	3331	0	99.97	8.20	6	(δ1 1.00)
21173+6321	23	0.99	0.29	0.44	2.39	3331	12	101.71	9.86	3	(λ31 1.00)
21177+5035	13	0.45	0.74	0.16	4.09	3331	26	92.61	0.85	4	(λ24 1.00)
21178+5824	13	0.16	0.16	-0.63	5.59	3311	10	98.18	6.36	8	(δ0 1.00)
21181+5514	13	-0.19	0.17	-0.05	4.44	3321	20	95.95	4.09	8	(δ0 1.00)
21181+6211	23	0.79	0.79	-0.08	3.80	3331	0	100.93	8.99	3	(δ7 1.00)
21185+4908	13	0.35	0.35	0.66	3.02	3331	0	91.68	-0.27	6	(δ1 0.64)
21188+2408	23	0.43	0.63	-0.14	0.91	3331	4	73.50	-17.73	3	(λ18 1.00)
21190+5140	11	-0.35	4.02	2.36	0.71	3333	6	93.53	1.47	7	(γ0 1.00)
21191+5609	23	0.53	1.03	0.22	2.44	3331	29	96.69	4.64	4	(β8 1.00)
21192-1522	33	1.35	0.50	-0.18	1.95	3331	51	35.63	-40.08	3	(λ16 1.00)
21197-6956	12	-1.02	0.48	0.41	0.76	3333	31	323.20	-38.20	12	(λ25 1.00)
21202+2147	23	0.57	0.63	-0.09	0.94	3331	33	71.87	-19.54	4	(λ11 0.99)
21204-0719	32	0.42	0.38	0.00	2.28	3331	97	45.03	-36.80	4	(λ31 1.00)
21206-4054	11	-1.57	1.08	-0.52	0.04	3333	99	1.33	-45.53	13	(β0 0.91)
21207-3905	23	0.95	0.73	-0.21	3.01	3331	25	3.92	-45.54	3	(λ18 1.00)
21208+7737	12	-1.00	0.77	-0.08	0.28	3333	99	112.68	19.42	8	(β8 1.00)
21210+2316	23	0.61	0.79	-0.14	1.05	3331	44	73.18	-18.70	3	(λ21 1.00)
21211+2302	23	0.90	0.84	-0.01	1.22	3332	14	73.01	-18.87	3	(λ18 1.00)
21216+5536	22	0.99	1.08	0.16	4.00	3331	51	96.56	4.01	3	(β2 1.00)
21218+5218	13	0.86	0.89	0.63	4.15	3331	7	94.28	1.63	3	(λ21 1.00)
21223+5114	12	-0.98	1.17	0.87	0.43	3332	81	93.58	0.80	10	(λ20 1.00)
21232+5705	22	-0.49	0.55	0.13	3.38	3331	99	97.76	4.92	7	(α0 1.00)
21238+4519	23	0.65	0.88	-0.19	3.73	3331	0	89.66	-3.62	2	(β5 1.00)
21243-6943	11	-1.49	0.11	-0.05	-0.06	3333	10	323.22	-38.65	25	(δ0 1.00)
21245+6221	11	-1.10	1.25	0.03	-0.08	3332	1	101.58	8.57	12	(β11 1.00)
21249+1353	23	1.20	0.71	0.28	1.14	3331	3	66.22	-25.57	3	(λ1 1.00)
21249+5223	33	0.90	0.94	0.94	3.40	3311	31	94.67	1.36	2	(β3 1.00)
21260+2424	23	1.04	0.16	0.10	1.71	3331	0	74.88	-18.75	3	(δ5 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
21260+5931	13	0.42	0.15	0.24	2.73	3331	17	99.73	6.42	7	(δ1 1.00)
21262+7000	12	-0.87	0.45	0.26	0.81	3333	2	107.18	13.89	10	(α0 1.00)
21265+5042	13	0.60	0.76	0.46	3.90	3331	81	93.69	-0.03	4	(α4 0.98)
21267+2157	12	-0.84	0.16	0.03	0.23	3331	3	73.09	-20.54	16	(δ0 1.00)
21270+7135	11	-1.43	0.83	-0.20	-0.47	3333	99	108.40	14.97	12	(β1 1.00)
21276+2325	12	-0.03	0.01	-0.00	0.97	3331	6	74.39	-19.70	7	(δ0 1.00)
21276+5200	33	1.44	1.37	0.78	3.75	3311	49	94.71	0.80	2	(β6 1.00)
21278-1423	33	1.18	0.21	-0.04	1.93	3321	31	37.93	-41.60	4	(δ5 0.93)
21282+5050	12	-0.64	1.97	1.01	0.24	3333	8	93.99	-0.12	6	(ζ3 1.00)
21286+1055	11	-1.88	1.11	-0.03	0.15	3333	24	64.32	-28.16	18	(β0 1.00)
21289-0547	13	0.62	-0.04	0.16	1.42	3331	4	48.02	-37.88	5	(δ2 1.00)
21291+5158	23	0.69	0.63	0.09	4.55	3331	5	94.86	0.61	3	(α4 0.97)
21305+2118	11	-0.65	1.55	-0.15	-0.10	3333	99	73.23	-21.64	6	(ε1 1.00)
21309+6507	23	1.31	0.29	0.17	4.63	3331	10	104.04	10.09	2	(α2 1.00)
21312+5405	11	-0.86	0.74	0.17	2.74	3331	0	96.52	1.96	11	(λ30 1.00)
21318+5631	11	-2.39	1.77	0.53	-0.26	3333	36	98.23	3.69	23	(ζ4 1.00)
21320+3850	11	-2.40	0.47	0.23	0.29	3333	0	86.29	-9.38	35	(α0 1.00)
21321+0136	22	-0.37	0.20	-0.05	0.41	3331	9	56.27	-34.53	11	(δ0 1.00)
21324+5537	12	-0.37	1.31	0.36	1.09	3331	23	97.69	2.98	5	(λ20 1.00)
21329+5113	23	2.64	2.04	5.41	2.42	3311	99	94.79	-0.33	3	(ζ0 1.00)
21334+5039	32	1.84	4.12	3.96	1.30	3333	3	94.46	-0.80	2	(γ1 1.00)
21341+4508	11	-2.73	0.59	-0.16	0.01	3333	3	90.86	-4.98	63	(λ25 1.00)
21341+5101	12	0.14	0.88	-0.04	3.88	3331	98	94.79	-0.61	4	(β8 1.00)
21345+5410	12	-0.03	1.34	0.24	2.64	3331	49	96.94	1.70	5	(λ20 1.00)
21348+6825	33	1.03	0.34	0.23	3.08	3331	7	106.62	12.23	3	(α1 1.00)
21360-0422	23	1.33	0.17	0.12	1.96	3331	6	50.74	-38.67	3	(δ3 1.00)
21360-7736	13	0.99	-0.04	-0.03	1.98	3321	0	314.29	-35.19	4	(δ2 1.00)
21366+4529	12	-0.40	0.43	0.28	0.71	3331	7	91.41	-5.02	7	(α0 1.00)
21367+0804	23	0.87	0.76	-0.11	1.69	3331	0	63.23	-31.52	3	(λ10 1.00)
21368-3812	11	-0.73	1.01	0.19	0.32	3333	3	5.24	-48.68	8	(λ34 1.00)
21373+4540	11	-1.52	0.94	0.24	-0.08	3333	0	91.63	-4.96	17	(λ30 1.00)
21376+4457	23	1.03	0.22	0.01	2.68	3331	0	91.19	-5.54	3	(δ8 0.92)
21377+5042	11	-1.31	1.06	-0.50	2.90	3331	99	95.02	-1.23	14	(λ20 1.00)
21377-0200	11	-0.83	0.91	-0.10	0.24	3333	80	53.55	-37.74	10	(λ34 1.00)
21381+5000	12	-1.51	2.27	2.45	1.33	3333	78	94.60	-1.80	13	(ζ0 1.00)
21381+6533	23	1.32	0.28	0.70	3.99	3331	0	104.89	9.89	2	(α2 1.00)
21382+4302	23	0.49	0.02	-0.28	4.18	3331	3	90.00	-7.04	6	(δ1 1.00)
21383+4513	11	-0.65	0.51	0.31	0.21	3332	0	91.46	-5.41	8	(α0 1.00)
21388+5130	12	0.32	0.93	-0.34	3.54	3331	18	95.66	-0.73	4	(λ34 0.99)
21389+5405	11	-2.07	0.92	-0.02	1.16	3331	18	97.37	1.21	23	(β8 1.00)
21390+4936	33	0.96	0.68	0.22	4.19	3331	40	94.43	-2.19	3	(λ31 1.00)
21399+3516	11	-1.07	0.18	0.97	0.44	3333	0	85.01	-13.06	15	(δ0 1.00)
21401+7354	11	0.34	0.93	0.03	2.23	3331	13	110.79	15.96	3	(λ34 1.00)
21404+5332	23	1.41	0.93	0.46	3.62	3331	16	97.17	0.64	2	(β12 1.00)
21405+5250	13	0.51	0.81	0.17	3.74	3331	59	96.73	0.10	3	(β9 1.00)
21405-5257	22	0.61	0.58	-0.23	1.23	3331	86	343.33	-46.99	3	(λ24 0.97)
21406+5810	23	1.51	0.97	3.06	2.80	3311	55	100.22	4.14	3	(λ6 1.00)
21411+4055	23	0.71	0.00	0.41	2.76	3321	0	89.00	-8.99	5	(δ1 0.98)
21413+6131	23	1.12	0.64	0.06	2.25	3331	1	102.48	6.63	3	(α1 0.99)
21414+7609	12	-0.56	0.81	0.01	0.79	3333	88	112.45	17.56	7	(λ20 0.89)
21417+0938	11	-1.41	0.01	-0.10	-0.18	3331	0	65.57	-31.46	23	(δ0 1.00)
21418+4524	13	0.84	0.86	0.12	2.04	3331	0	92.06	-5.69	3	(λ24 1.00)
21419+5832	21	-4.15	0.74	0.18	0.10	3332	0	100.60	4.31	167	(β1 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
21424+5821	13	0.14	0.57	0.26	3.85	3331	0	100.52	4.14	5	(α5 1.00)
21426+1228	12	-0.81	0.69	-0.13	-0.27	3332	99	68.21	-29.76	9	(λ30 1.00)
21436-0930	23	0.57	0.08	-0.34	1.75	3331	32	46.15	-42.88	4	(λ7 1.00)
21439-0226	21	-3.38	0.81	-0.20	-0.04	3333	15	54.20	-39.26	84	(λ34 1.00)
21440+7324	12	-1.72	0.26	0.27	0.34	3333	81	110.64	15.41	21	(α0 1.00)
21444+5053	12	0.54	1.46	0.21	2.43	3331	98	95.93	-1.77	3	(η0 1.00)
21447+5749	13	1.13	0.07	2.73	3.33	3311	1	100.41	3.53	3	(δ5 1.00)
21449+4950	11	-0.94	1.10	0.10	1.41	3331	68	95.32	-2.64	10	(λ30 1.00)
21453+5959	22	0.16	1.29	0.17	1.14	3331	98	101.87	5.14	3	(ε1 1.00)
21453-4708	11	-0.25	0.62	-0.24	-0.07	3332	96	351.45	-49.24	5	(λ30 1.00)
21456+6422	11	-1.98	1.03	-0.16	0.20	3333	91	104.71	8.48	22	(β1 1.00)
21459+6027	23	1.17	0.09	0.31	3.23	3311	14	102.22	5.45	4	(δ6 1.00)
21468+3942	21	-0.26	1.15	0.11	0.51	3332	0	89.04	-10.62	6	(β0 1.00)
21474+4308	23	0.57	1.13	0.15	2.50	3331	0	91.36	-8.06	4	(β4 1.00)
21475+5211	12	0.23	0.98	-0.01	3.35	3331	1	97.13	-1.08	4	(λ21 1.00)
21489+5301	11	-1.48	1.37	0.52	-0.20	3333	99	97.83	-0.57	11	(λ20 1.00)
21500+5451	33	1.33	0.37	0.92	4.43	3331	0	99.10	0.75	4	(δ4 1.00)
21500-7710	13	0.85	0.13	-0.01	1.85	3321	8	314.14	-36.07	4	(δ8 1.00)
21509+5544	23	0.79	0.51	0.18	4.46	3331	0	99.75	1.38	4	(δ6 1.00)
21509+6234	12	0.18	1.00	0.07	1.36	3331	96	104.02	6.72	4	(β1 1.00)
21522+6018	22	0.82	0.85	-0.08	2.86	3331	94	102.72	4.84	3	(λ21 1.00)
21524+3724	23	0.79	1.14	0.13	0.85	3331	36	88.39	-13.10	3	(λ33 1.00)
21525+5631	23	0.81	1.36	0.10	2.48	3332	21	100.41	1.85	3	(β11 1.00)
21528-2122	13	1.15	0.17	0.08	1.81	3331	2	31.62	-49.65	3	(δ5 1.00)
21530+5114	12	0.11	0.61	-0.14	3.00	3331	38	97.21	-2.35	5	(λ30 1.00)
21533+5015	12	0.23	0.23	0.54	2.90	3331	53	96.64	-3.16	5	(δ1 1.00)
21533+5414	13	0.53	0.32	0.75	2.22	3332	6	99.09	-0.01	4	(α5 1.00)
21543-1421	11	-1.06	1.06	0.01	-0.18	3333	2	41.71	-47.41	11	(λ34 1.00)
21547+6250	23	0.43	0.24	0.91	1.66	3331	24	104.54	6.65	4	(α5 0.99)
21552+6323	11	-0.99	0.28	-0.05	3.28	3331	15	104.92	7.04	18	(δ0 1.00)
21552+8004	23	0.49	0.14	-0.22	1.49	3331	0	115.75	20.01	6	(δ1 1.00)
21554+6204	11	-0.87	2.41	0.82	-0.20	3333	14	104.13	5.99	10	(ζ3 1.00)
21558+5907	11	-0.54	2.22	2.33	1.33	3333	3	102.35	3.63	8	(ζ0 1.00)
21563+5630	11	-1.18	1.03	0.24	0.47	3333	99	100.81	1.52	10	(β0 0.92)
21564+4537	33	0.95	0.52	0.21	1.98	3331	3	94.19	-7.12	3	(λ31 1.00)
21565+5419	23	1.10	0.14	-0.07	4.82	3331	7	99.52	-0.24	4	(δ5 1.00)
21566+5309	23	0.94	0.54	0.01	3.99	3331	96	98.82	-1.17	3	(α4 1.00)
21570+6329	22	0.81	0.79	-0.26	4.82	3331	23	105.14	7.00	3	(λ24 1.00)
21576+4817	23	0.82	0.50	0.17	3.09	3331	0	95.98	-5.13	3	(λ10 1.00)
21581+5707	12	0.02	0.77	0.07	3.15	3331	1	101.39	1.85	4	(η0 1.00)
21585+0552	23	1.08	0.46	0.08	1.64	3331	21	65.42	-37.07	3	(δ6 0.89)
21595-7259	13	1.07	0.10	0.15	1.73	3331	4	317.74	-39.20	3	(δ8 1.00)
22000+5643	12	-0.40	0.63	-0.04	1.65	3331	49	101.36	1.38	5	(β8 1.00)
22003-0010	13	0.23	0.83	-0.09	0.32	3332	0	59.76	-41.26	4	(λ12 1.00)
22003-3141	12	0.20	0.16	-0.07	1.15	3331	21	15.87	-53.30	8	(δ0 1.00)
22005+5428	23	0.95	0.33	-0.04	4.56	3331	24	100.06	-0.47	4	(λ7 1.00)
22017+2806	11	-2.42	0.97	-0.24	0.02	3333	5	83.78	-21.52	35	(β0 1.00)
22017-3556	23	0.92	0.11	0.12	1.61	3331	5	8.73	-53.69	4	(δ8 1.00)
22023+6252	12	-0.58	0.08	-0.28	2.49	3331	20	105.25	6.15	12	(δ0 1.00)
22023-5614	12	0.67	0.84	0.35	0.40	3331	99	337.02	-48.70	3	(λ21 0.81)
22031-3947	13	0.96	0.06	-0.26	2.08	3321	1	2.22	-53.67	4	(δ5 1.00)
22032+4629	23	0.37	0.14	-0.10	2.12	3331	14	95.67	-7.14	6	(δ1 1.00)
22032-0033	23	0.42	-0.05	0.09	1.30	3331	3	59.93	-42.06	7	(δ1 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
22034-6857	13	0.62	0.41	0.41	1.41	3333	2	321.61	-41.96	4	(λ7 1.00)
22035+3506	11	-2.43	0.92	-0.10	0.17	3333	22	88.71	-16.28	33	(λ34 1.00)
22036+5306	33	1.32	3.41	2.79	0.30	3333	5	99.63	-1.84	4	(ζ2 1.00)
22036+6250	12	0.28	0.38	0.00	2.65	3331	8	105.35	6.03	5	(λ25 1.00)
22039+5328	12	-0.15	0.43	-0.36	1.99	3331	33	99.88	-1.58	5	(λ24 1.00)
22039+6215	23	0.71	0.79	0.13	2.68	3331	10	105.04	5.55	3	(λ24 1.00)
22040-0040	23	1.25	0.58	-0.06	1.65	3331	6	60.00	-42.30	3	(λ16 1.00)
22048+5914	22	-0.39	1.30	0.04	2.41	3331	9	103.35	3.04	6	(β11 1.00)
22052+4034	23	0.96	1.06	-0.20	1.84	3332	17	92.39	-12.13	2	(β7 1.00)
22053-3448	13	1.32	0.02	0.03	2.19	3321	13	10.65	-54.46	3	(δ6 1.00)
22067+7429	23	1.06	0.15	-0.03	2.21	3331	12	112.61	15.25	3	(δ5 1.00)
22073+7231	13	0.46	0.09	-0.17	3.17	3331	31	111.44	13.65	6	(δ1 1.00)
22091+5757	11	-0.33	0.18	0.05	4.19	3331	6	103.06	1.66	12	(δ0 1.00)
22097+5647	11	-2.14	1.12	-0.39	0.26	3331	15	102.47	0.66	26	(β0 1.00)
22103+5120	22	0.63	1.07	0.05	1.39	3332	92	99.44	-3.88	3	(β2 1.00)
22107+5702	23	1.75	0.66	0.85	4.36	3331	5	102.72	0.78	2	(α3 1.00)
22108+6302	13	0.42	0.03	1.65	3.76	3311	2	106.14	5.73	5	(δ8 0.89)
22112+5322	23	0.73	0.87	0.12	3.01	3331	62	100.71	-2.28	3	(β9 1.00)
22122+5745	12	-0.14	0.91	-0.07	3.17	3331	19	103.30	1.27	7	(λ25 1.00)
22125+5608	13	0.50	0.35	0.07	4.09	3331	42	102.42	-0.10	4	(α5 1.00)
22134+5834	22	0.73	4.29	3.11	1.39	3333	20	103.88	1.86	4	(γ0 1.00)
22138+3730	13	0.48	0.02	-0.25	1.96	3331	0	91.93	-15.59	5	(δ5 0.96)
22138+4207	23	0.63	0.80	0.29	1.28	3331	0	94.67	-11.80	3	(λ24 0.85)
22142-8454	11	-1.75	0.82	-0.17	0.09	3333	46	306.72	-31.32	20	(β8 1.00)
22150-6030	11	-0.80	0.03	-0.18	0.49	3331	24	330.22	-47.96	17	(δ0 1.00)
22156+0228	23	0.84	0.68	-0.00	1.51	3331	3	65.78	-42.52	3	(λ7 0.99)
22160+5901	23	0.87	0.74	2.02	2.92	3311	86	104.41	2.04	3	(β10 1.00)
22165+4331	11	-1.07	0.35	-0.33	2.56	3231	0	95.88	-10.92	12	(λ30 1.00)
22170+6650	23	0.92	0.89	-0.29	3.27	3331	15	108.83	8.51	3	(β7 1.00)
22176+6303	12	-2.59	3.31	4.04	1.31	3333	7	106.80	5.31	34	(γ0 1.00)
22177+5936	11	-1.60	2.23	0.87	0.08	3333	82	104.91	2.41	19	(ζ3 1.00)
22184+6155	12	0.15	0.63	0.18	3.95	3331	6	106.25	4.30	5	(λ30 1.00)
22187+5559	23	1.51	2.53	4.76	1.79	3333	51	103.06	-0.69	3	(ζ0 1.00)
22189-6107	12	0.53	1.34	0.24	-0.08	3331	99	329.07	-47.99	5	(β2 1.00)
22190-0751	11	-1.14	0.90	-0.17	0.27	3333	0	54.74	-49.54	11	(β8 1.00)
22190-1248	23	1.11	0.19	-0.09	1.92	3331	14	48.03	-52.09	4	(δ8 1.00)
22196-4612	11	-3.77	0.77	-0.00	-0.19	3333	0	350.28	-55.16	151	(λ30 1.00)
22204-2218	23	0.77	0.38	-0.04	1.41	3331	0	33.24	-56.05	4	(λ7 1.00)
22209-3508	23	0.91	0.94	-0.15	1.03	3331	9	9.85	-57.62	3	(β13 1.00)
22212+5542	11	-1.34	1.49	0.57	0.34	3333	1	103.21	-1.12	11	(β11 1.00)
22216+3100	22	-0.17	0.51	0.12	0.34	3332	4	89.39	-21.84	7	(λ25 1.00)
22222+3605	23	0.42	1.00	0.08	0.85	3331	0	92.54	-17.71	4	(β9 1.00)
22230-4841	11	-1.64	0.69	-0.18	0.06	3333	99	345.89	-54.77	15	(λ30 1.00)
22231-4529	11	-1.52	0.94	-0.38	-0.44	3333	99	351.11	-55.97	14	(β1 1.00)
22233+3013	12	-1.60	0.97	-0.20	-0.38	3333	19	89.21	-22.69	17	(β1 1.00)
22236+5002	13	0.02	0.61	0.30	0.59	3332	0	100.50	-6.11	5	(α0 1.00)
22241+6005	11	-2.02	0.98	0.33	-0.25	3332	52	105.85	2.39	26	(λ30 0.98)
22264+5858	11	-1.12	0.70	-0.05	2.80	3331	10	105.52	1.29	9	(λ34 0.95)
22267-4400	11	-1.47	0.07	-0.05	-0.35	3333	8	353.28	-57.06	27	(δ0 1.00)
22268+4003	12	0.31	0.48	-0.21	2.92	3331	3	95.59	-14.88	5	(λ25 1.00)
22272+5435	11	-1.04	3.09	0.64	0.18	3333	3	103.35	-2.52	8	(ζ3 1.00)
22280+1250	11	-0.32	0.54	-0.04	0.65	3333	0	78.06	-37.20	7	(λ30 1.00)
22282+5644	11	-0.72	1.10	0.17	0.82	3333	7	104.58	-0.75	8	(β0 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
22296-6214	12	-0.82	0.06	-0.08	0.12	3331	25	326.58	-48.30	17	(δ0 1.00)
22303+5257	22	0.57	0.28	0.16	2.69	3331	10	102.92	-4.16	5	(δ8 1.00)
22303+5950	11	-0.71	1.81	0.57	1.31	3331	19	106.39	1.78	7	(ζ4 1.00)
22306+5510	11	-0.60	0.86	0.08	0.95	3332	15	104.07	-2.27	7	(λ34 1.00)
22308+5812	22	0.13	3.67	3.62	1.30	3333	10	105.63	0.34	7	(γ0 1.00)
22315+2418	12	-1.20	0.35	-0.12	0.50	3333	1	87.15	-28.59	11	(λ30 1.00)
22316+5623	13	0.37	0.79	-0.41	3.63	3331	0	104.80	-1.29	4	(β9 1.00)
22317+5838	11	-1.10	1.00	-0.03	1.24	3332	44	105.93	0.65	9	(β11 1.00)
22326-6522	12	0.31	0.57	0.12	0.64	3332	47	322.81	-46.44	5	(λ25 0.61)
22331+5809	33	2.10	3.92	2.89	1.28	3332	0	105.85	0.14	2	(γ1 1.00)
22336-4833	23	1.27	0.04	0.04	2.11	3311	10	344.77	-56.41	3	(α3 1.00)
22345+5809	11	-1.58	1.20	-0.26	1.67	3331	8	106.02	0.06	16	(β0 1.00)
22348+5221	23	0.70	1.14	-0.00	2.47	3331	6	103.20	-5.02	3	(λ21 0.98)
22354+5911	12	0.74	0.97	0.56	2.20	3331	39	106.62	0.90	4	(λ28 1.00)
22359-1417	12	-0.35	0.85	-0.07	-0.03	3332	0	49.12	-56.40	7	(λ30 1.00)
22366+5632	12	-0.79	0.11	-0.06	2.45	3331	4	105.47	-1.51	17	(δ0 1.00)
22378+4024	23	0.76	0.29	0.25	2.93	3331	1	97.64	-15.67	4	(δ8 0.93)
22383+4400	33	1.00	0.11	-0.24	2.35	3321	2	99.56	-12.57	5	(δ3 1.00)
22384+6101	32	2.25	4.05	2.24	0.53	3333	47	107.84	2.32	4	(γ1 1.00)
22385+4944	22	0.11	1.15	-0.16	0.40	3331	0	102.43	-7.59	5	(β8 1.00)
22393+2054	13	0.25	0.84	-0.21	0.87	3211	7	86.63	-32.41	5	(λ34 0.98)
22395+4217	23	0.70	0.86	-0.13	1.35	3331	0	98.90	-14.19	3	(λ18 1.00)
22395+5831	23	0.56	0.52	0.34	2.88	3331	67	106.78	0.05	4	(λ7 1.00)
22396+5341	23	1.15	0.93	-0.11	3.41	3331	25	104.48	-4.20	3	(β7 1.00)
22406+2753	12	0.07	0.49	0.37	0.26	3332	0	91.29	-26.71	6	(λ25 1.00)
22409-1905	23	1.03	0.05	0.32	1.58	3311	0	41.88	-59.52	4	(δ6 1.00)
22413+5929	12	-0.79	0.77	-0.13	1.90	3331	24	107.43	0.80	8	(β8 1.00)
22422-5228	13	0.25	0.77	0.07	0.05	3332	16	337.48	-55.60	5	(λ25 1.00)
22423+6127	23	0.52	0.25	1.22	4.44	3331	11	108.46	2.48	4	(λ7 1.00)
22424+7431	12	-0.81	0.29	0.68	0.73	3333	10	114.71	14.00	11	(α0 1.00)
22443+2504	23	0.56	0.94	-0.10	0.94	3331	0	90.41	-29.55	3	(λ27 1.00)
22456+5453	11	-1.60	0.80	-0.20	1.28	3331	19	105.82	-3.55	15	(β1 1.00)
22457+6100	23	0.96	0.17	2.19	3.87	3311	0	108.62	1.88	3	(δ6 1.00)
22466+6942	23	0.61	1.09	-0.10	1.64	3331	91	112.69	9.59	3	(β2 1.00)
22469-1351	12	-0.32	0.03	-0.13	0.71	3331	0	52.26	-58.52	11	(δ1 1.00)
22471+5902	23	0.43	1.26	0.26	4.17	3331	8	107.89	0.05	3	(β3 1.00)
22475+2420	23	0.92	-0.02	0.09	1.77	3321	0	90.68	-30.56	5	(δ2 1.00)
22476+4047	11	-1.36	0.36	0.40	0.77	3333	14	99.53	-16.24	19	(λ25 1.00)
22477+8253	13	1.34	0.04	-0.11	2.22	3322	0	119.16	21.21	4	(δ3 1.00)
22478+6556	13	0.68	0.04	-0.00	5.25	3311	4	111.07	6.18	4	(δ1 1.00)
22480+6002	21	-1.75	1.79	0.27	1.17	3331	13	108.43	0.89	19	(ε2 1.00)
22489+6130	23	0.37	1.19	0.03	4.75	3331	18	109.18	2.16	3	(λ21 1.00)
22489+6359	12	-0.54	0.76	0.42	1.68	3331	74	110.29	4.38	8	(λ30 0.97)
22494+5204	32	0.78	0.56	0.02	3.37	3331	63	105.05	-6.32	3	(λ28 0.99)
22494-2534	12	0.18	1.22	0.10	0.26	3332	0	30.04	-63.24	5	(β8 1.00)
22497+4302	23	0.62	0.04	-0.14	1.85	3331	6	100.97	-14.41	5	(δ8 1.00)
22510+3614	23	1.20	0.99	0.19	1.06	3331	0	97.90	-20.56	2	(λ18 1.00)
22512+6100	11	-1.46	1.40	0.01	1.01	3333	26	109.21	1.60	12	(β11 1.00)
22516+0838	11	-1.50	0.94	0.03	-0.06	3333	0	80.58	-44.12	14	(β1 1.00)
22518+6600	11	-1.13	0.61	0.35	0.48	3331	0	111.47	6.07	12	(α0 1.00)
22525+1917	13	0.98	0.25	0.21	1.63	3331	0	88.69	-35.46	3	(δ5 0.98)
22525+6033	12	-1.49	1.35	0.05	2.28	3331	3	109.16	1.12	11	(β11 0.99)
22525-2952	11	-2.35	0.69	-0.07	-0.09	3333	1	20.48	-64.40	28	(β8 0.79)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
22526+8446	11	0.14	0.12	-0.09	1.05	3331	4	120.25	22.81	7	(δ0 1.00)
22531+5455	23	0.34	1.22	-0.37	2.95	3331	0	106.80	-4.00	4	(β2 1.00)
22539+5758	23	1.55	3.95	3.67	1.36	3333	94	108.21	-1.29	3	(γ0 1.00)
22540-5740	11	-1.61	0.69	-0.08	0.35	3333	0	328.70	-53.63	17	(β8 1.00)
22546+6115	12	-0.50	1.26	0.09	3.30	3331	21	109.68	1.63	6	(β11 1.00)
22549+8404	13	0.88	0.03	-0.32	3.53	3331	55	119.95	22.16	3	(δ8 1.00)
22553+1744	22	0.19	0.90	-0.44	0.66	3331	0	88.38	-37.12	4	(β9 1.00)
22556+5833	12	-2.06	1.45	-0.22	1.33	3331	16	108.66	-0.86	20	(β11 1.00)
22562+6310	13	0.75	0.80	0.73	4.47	3331	67	110.68	3.30	3	(λ18 1.00)
22566+5830	23	0.19	3.23	4.46	1.79	3333	15	108.76	-0.95	8	(ζ0 1.00)
22579+5640	23	0.85	0.27	-0.45	4.94	3321	18	108.16	-2.70	6	(δ2 1.00)
22579-5301	23	1.26	-0.04	0.16	2.06	3311	16	334.11	-57.16	3	(δ6 1.00)
22585+6402	11	-1.27	0.76	0.33	0.74	3331	33	111.26	3.98	13	(α0 1.00)
22594+6117	22	-0.16	1.13	0.04	3.80	3331	8	110.23	1.43	7	(λ12 1.00)
22595+4537	23	1.33	0.19	0.45	1.92	3331	0	103.75	-12.86	2	(λ1 1.00)
23000+5932	11	-0.73	1.16	0.03	3.38	3331	4	109.58	-0.19	7	(β11 1.00)
23006+1105	23	0.07	0.76	-0.84	1.08	3331	5	85.05	-43.41	6	(β4 0.99)
23013+2748	11	-2.84	0.06	-0.11	-0.44	3333	19	95.74	-29.05	85	(δ0 1.00)
23017+6007	23	2.39	1.39	5.10	1.95	3333	10	110.01	0.26	2	(ζ2 1.00)
23024+6729	13	-0.01	1.09	-0.20	1.63	3331	9	113.04	6.97	5	(β1 1.00)
23025+5818	22	0.54	0.95	0.07	4.19	3331	9	109.38	-1.46	3	(λ21 1.00)
23037+3603	13	1.01	0.97	0.07	1.10	3331	1	100.29	-21.87	2	(λ21 1.00)
23041+1016	12	-2.03	0.57	-0.17	0.00	3333	5	85.41	-44.56	25	(λ30 1.00)
23044+0908	13	0.15	0.09	-0.12	1.10	3331	9	84.62	-45.55	8	(δ1 1.00)
23058+5526	33	1.42	0.82	0.15	3.88	3331	3	108.68	-4.27	2	(η1 1.00)
23068+6117	33	2.31	1.76	5.05	1.86	3333	39	111.05	1.09	2	(α3 1.00)
23070+0824	12	-1.14	0.05	-0.08	-0.14	3332	54	84.79	-46.51	22	(δ0 1.00)
23073-4051	13	0.13	0.05	-0.10	1.25	3331	0	353.60	-65.18	7	(δ1 1.00)
23078+3955	23	0.77	0.63	-0.32	1.38	3331	1	102.77	-18.68	4	(λ7 1.00)
23086+0443	12	-0.90	0.21	0.03	0.40	3333	13	82.16	-49.77	16	(δ0 1.00)
23092+5236	22	-0.50	0.66	-0.06	0.37	3331	15	108.05	-7.07	8	(λ30 1.00)
23093+4843	22	-0.10	0.89	-0.12	1.62	3331	0	106.57	-10.67	6	(λ30 1.00)
23095+5925	11	-0.94	0.47	1.24	3.05	3311	32	110.65	-0.77	14	(λ25 1.00)
23105+0841	33	1.16	0.16	0.12	1.80	3311	37	86.07	-46.75	5	(δ3 0.99)
23106+6340	22	-0.09	0.74	0.49	3.13	3331	22	112.35	3.13	7	(λ30 1.00)
23107-6833	32	0.55	1.01	0.82	0.22	3333	5	315.71	-46.34	4	(λ12 1.00)
23108+6018	33	1.01	1.18	1.63	3.29	3311	71	111.12	-0.01	2	(α6 0.99)
23113+6013	33	1.57	0.93	1.70	4.02	3311	11	111.16	-0.11	2	(α2 1.00)
23117-0619	13	-0.14	0.26	-0.13	0.64	3331	13	70.94	-58.74	10	(δ0 1.00)
23123+4031	13	0.49	0.44	0.08	1.09	3331	0	103.85	-18.47	4	(δ8 0.98)
23123+6407	23	1.08	0.41	1.65	3.82	3311	33	112.69	3.47	3	(λ11 1.00)
23132-0921	23	1.29	-0.08	0.18	2.11	3311	0	67.07	-61.11	5	(δ4 1.00)
23133+6050	22	-0.50	4.34	3.28	1.37	3333	9	111.61	0.37	13	(γ0 1.00)
23134-7031	11	-1.45	0.42	-0.14	0.07	3333	19	313.97	-44.79	19	(λ25 1.00)
23138+6204	11	-1.39	1.12	0.06	1.35	3332	13	112.11	1.50	11	(β11 1.00)
23140+3827	23	1.01	1.07	-0.13	1.42	3331	8	103.33	-20.50	3	(β10 1.00)
23142+1019	12	-0.38	0.12	0.34	-0.08	3232	13	88.45	-45.84	9	(λ25 1.00)
23147+6009	12	0.16	0.87	0.62	3.21	3311	99	111.53	-0.33	4	(λ34 1.00)
23151+5912	11	-0.63	3.07	3.73	1.00	3333	22	111.24	-1.24	11	(ζ3 1.00)
23152+6034	22	0.26	1.69	3.80	1.58	3333	24	111.73	0.04	4	(ζ1 1.00)
23166+1655	11	-3.49	1.66	0.64	-0.21	3333	4	93.52	-40.35	63	(ζ4 1.00)
23172+6227	22	0.00	0.24	0.53	3.39	3331	17	112.61	1.73	8	(δ0 1.00)
23172+8244	23	0.52	0.71	0.05	0.80	3331	3	119.98	20.68	5	(λ28 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
23173+4823	12	-0.26	0.47	-0.09	1.23	3331	3	107.71	-11.47	7	(λ25 1.00)
23174+5941	12	0.25	0.69	0.15	4.36	3331	22	111.68	-0.88	4	(α0 1.00)
23174+6810	22	0.01	1.09	0.74	0.54	3331	33	114.63	7.07	5	(α0 1.00)
23176+4658	33	1.20	1.31	-0.51	1.35	3331	0	107.23	-12.82	2	(β6 1.00)
23177+6211	12	0.20	1.07	-0.18	3.68	3331	7	112.58	1.45	4	(β11 0.99)
23182+3920	22	-0.19	0.77	-0.09	0.79	3331	0	104.49	-19.98	4	(λ34 0.89)
23185+6055	12	-0.01	3.58	2.82	0.76	3333	77	112.23	0.23	10	(γ0 1.00)
23200-6019	23	0.77	0.07	-0.07	1.69	3331	4	321.48	-53.77	4	(δ2 0.50)
23201-1105	12	-0.57	0.79	-0.05	-0.09	3333	4	66.69	-63.52	10	(λ30 1.00)
23202+5901	11	-0.76	0.55	-0.20	3.74	3311	15	111.79	-1.63	12	(α0 1.00)
23203+5951	33	1.17	0.06	2.23	3.46	3311	0	112.07	-0.85	4	(δ3 1.00)
23211+5553	23	1.09	0.17	0.89	3.60	3331	14	110.86	-4.63	3	(δ3 1.00)
23212+3927	12	-1.41	0.67	-0.15	0.29	3333	20	105.11	-20.09	14	(λ30 1.00)
23213-4521	11	-1.64	1.25	-0.01	0.11	3333	2	341.33	-64.99	14	(β0 1.00)
23214-5209	23	1.31	0.04	-0.46	2.65	3321	8	330.51	-60.31	3	(δ3 1.00)
23217+4120	23	0.59	0.10	0.02	2.58	3331	0	105.90	-18.35	5	(δ1 1.00)
23217-1735	23	0.56	0.59	-0.18	1.08	3331	0	54.42	-67.64	5	(λ7 1.00)
23226+6200	13	0.13	-0.02	-0.03	4.52	3331	0	113.05	1.09	7	(δ0 1.00)
23232+5242	33	1.20	0.10	0.13	4.06	3331	2	110.09	-7.74	3	(δ6 0.95)
23234+4215	33	2.17	3.96	1.95	0.27	3333	0	106.56	-17.60	2	(γ1 1.00)
23236-6917	12	-0.05	0.89	-0.29	0.32	3331	10	313.73	-46.30	5	(β8 1.00)
23239+5754	12	0.33	2.89	1.13	0.01	3333	7	111.88	-2.85	4	(ε0 1.00)
23252+6010	12	-0.04	1.39	0.08	3.21	3331	8	112.76	-0.75	5	(β11 1.00)
23261-6502	12	0.06	0.81	-0.51	0.68	3331	13	316.47	-50.14	4	(β8 1.00)
23268+5622	23	1.03	0.73	-0.03	3.69	3331	12	111.77	-4.42	3	(λ11 1.00)
23268+6854	21	0.06	1.90	2.05	0.17	3333	4	115.68	7.48	4	(ζ4 1.00)
23269+5056	22	0.58	0.66	-0.12	2.00	3333	0	110.06	-9.59	4	(λ28 1.00)
23271+5124	23	0.93	0.36	0.33	1.16	3331	0	110.24	-9.16	4	(δ5 0.93)
23278+5908	23	1.22	0.39	3.73	2.90	3322	84	112.75	-1.83	4	(λ28 1.00)
23279+5336	12	-0.94	0.77	0.17	-0.44	3331	24	111.05	-7.10	13	(α0 1.00)
23281+5742	12	-1.18	1.36	0.02	1.33	3331	0	112.34	-3.22	12	(β11 1.00)
23284+5958	11	-1.65	1.22	-0.21	1.14	3333	16	113.08	-1.06	15	(β11 1.00)
23309+2213	11	-0.86	0.07	-0.08	0.46	3331	41	100.25	-36.92	15	(δ0 1.00)
23312+0601	23	0.72	0.70	0.02	0.92	3331	0	90.76	-51.65	3	(λ28 1.00)
23320+4316	11	-3.83	0.78	0.32	-0.14	3333	0	108.46	-17.15	121	(λ30 1.00)
23321+6545	32	0.79	3.55	1.56	-0.19	3333	0	115.21	4.32	3	(γ1 1.00)
23326+5817	23	1.15	0.99	0.35	3.51	3331	20	113.10	-2.83	3	(λ35 1.00)
23350+4610	13	0.79	-0.01	0.14	1.68	3331	1	109.90	-14.54	5	(δ2 1.00)
23352+5834	23	1.05	1.03	0.21	2.30	3331	32	113.50	-2.67	3	(β10 1.00)
23357+5545	33	1.56	0.18	0.28	4.17	3311	17	112.77	-5.39	2	(α1 1.00)
23365+5159	11	-1.64	1.06	-0.20	-0.24	3333	0	111.83	-9.04	14	(β0 1.00)
23372+7721	12	0.34	-0.07	-0.09	1.53	3331	6	118.99	15.31	6	(δ1 1.00)
23389-1818	23	1.03	0.09	0.25	2.52	3211	0	58.77	-71.51	4	(δ5 1.00)
23399+6414	23	0.88	0.07	-0.27	5.30	3311	8	115.58	2.63	4	(δ5 1.00)
23408+1003	13	0.26	0.07	0.07	1.04	3331	2	96.86	-49.06	6	(δ1 0.97)
23416+6130	11	-2.80	1.63	0.34	0.13	3333	15	115.06	-0.05	44	(ε2 1.00)
23420+5618	12	-0.97	0.97	-0.07	0.69	3333	44	113.77	-5.10	10	(λ34 0.90)
23421+4146	23	0.96	0.56	0.55	1.99	3331	3	109.89	-19.12	5	(δ2 1.00)
23425+4338	21	-1.02	1.25	-0.05	-0.05	3333	34	110.48	-17.34	9	(β0 1.00)
23436+6011	23	0.67	0.40	0.91	4.00	3331	1	114.96	-1.39	3	(λ7 1.00)
23439+5412	11	-0.36	0.65	-0.11	1.88	3331	43	113.50	-7.19	6	(λ30 1.00)
23445+5710	23	1.29	0.14	0.60	3.79	3311	33	114.33	-4.34	4	(δ6 1.00)
23448+2551	23	0.65	0.28	-0.28	1.57	3331	0	105.43	-34.56	5	(λ7 1.00)

Name	Sp Qu	[12]	[12] -[25]	[25] -[60]	[60] -[100]	Flux Qual	Var	Glon	Glat	In	AutoClass
23448+6010	23	1.97	1.93	5.30	2.03	3332	0	115.11	-1.44	3	(η0 1.00)
23473-6124	23	0.97	0.17	-0.02	1.74	3331	21	315.64	-54.45	3	(λ7 0.99)
23485+5212	23	0.70	1.46	0.12	0.86	3331	29	113.68	-9.31	3	(β2 1.00)
23487+0902	13	0.62	0.06	0.15	1.33	3331	21	99.08	-50.76	4	(λ7 1.00)
23491+6243	11	-0.39	0.88	0.67	2.03	3331	94	116.21	0.92	7	(α0 1.00)
23493+6230	23	0.37	0.56	0.04	3.67	3331	28	116.18	0.70	5	(α5 1.00)
23496+6131	11	-2.79	1.16	0.00	-0.36	3333	25	115.98	-0.26	36	(β0 1.00)
23499+1850	13	0.05	0.13	-0.12	0.82	3332	0	104.18	-41.60	8	(δ1 1.00)
23502-1217	23	0.79	0.03	-0.20	1.88	3321	8	77.77	-69.57	4	(δ2 1.00)
23504+6043	12	-1.06	1.16	0.04	0.96	3332	19	115.90	-1.07	11	(β1 1.00)
23507+6230	22	1.21	2.12	4.51	2.02	3333	96	116.33	0.66	4	(ζ0 1.00)
23516+6430	22	-0.42	1.27	0.47	1.91	3331	75	116.88	2.60	5	(λ20 1.00)
23518+5713	13	0.37	0.21	-0.14	3.63	3331	0	115.30	-4.53	7	(δ2 1.00)
23522-0010	22	-0.50	0.07	-0.08	0.43	3331	2	94.06	-59.55	12	(δ0 1.00)
23528+4821	11	-1.59	0.70	-0.07	0.28	3333	7	113.47	-13.20	17	(β8 1.00)
23533+1457	13	0.67	0.07	0.42	1.09	3331	2	103.63	-45.55	5	(δ8 1.00)
23541+7031	11	-1.27	1.57	1.33	0.34	3333	11	118.42	8.41	12	(ζ4 1.00)
23551+2451	12	-0.55	0.07	-0.12	0.42	3331	5	107.85	-36.15	15	(δ0 1.00)
23554+5612	12	-0.64	0.93	0.60	0.60	3333	35	115.57	-5.62	8	(λ34 0.90)
23558+5106	21	-4.19	0.60	0.05	0.05	3333	12	114.56	-10.62	192	(β8 1.00)
23564-5651	11	-1.13	0.80	-0.43	0.30	3333	34	316.99	-59.10	14	(λ12 1.00)
23575+2536	13	-0.70	0.62	-0.20	0.43	3333	24	108.71	-35.56	8	(λ24 0.96)
23584+3813	23	0.39	0.68	-0.11	0.75	3332	0	112.22	-23.32	4	(λ11 1.00)
23587+6004	12	-0.47	0.28	0.53	2.95	3331	10	116.76	-1.91	9	(δ1 1.00)
23587-5036	23	0.84	0.09	-0.12	1.79	3311	0	321.98	-64.90	4	(δ2 1.00)
23592+6228	23	0.22	1.16	0.42	1.43	3331	79	117.28	0.42	4	(λ20 1.00)
23594-0617	12	-1.22	-0.11	-0.14	-0.05	3331	0	91.59	-65.83	19	(δ0 1.00)
23595-1457	23	0.82	0.25	0.04	1.46	3331	8	77.77	-73.06	4	(λ7 0.90)
23597+6025	23	1.29	0.08	1.84	3.36	3311	3	116.95	-1.60	4	(δ6 1.00)

Table 4. Astronomical Catalog References

This listing presents the catalog number, catalog type and catalog name for catalog numbers specified in the *cat* parameter of Table 2, and in the primary class and split class commentaries (sections 6.0 and 8.0 respectively). This table is a summary of Table V.H.1 *Catalogs Used for Associations with IRAS Sources* [reference 4]. Catalog types are 1) extragalactic, 2) stellar or 3) other (e.g. dark clouds, HII regions, etc).

Num	Type	Catalog Name
01	2	General Catalogue of Variable Stars Kukarkin, et al.
02	2	Dearborn Observatory Catalogue of Faint Red Stars Lee, et al.
03	3	Air Force Geophysical Laboratory Four-Color Survey Price & Walker
04	2	Two Micron Sky Survey Neugebauer & Leighton
05	3	Globule List Wesselius
06	1	Second Reference Catalogue of Bright Galaxies de Vaucouleurs, et al.
07	2	Early Type Stars with Emission Lines Wackerling
08	3	Equatorial Infrared Catalogue
09	1	Uppsala General Catalogue of Galaxies Nilson
10	1	Morphological Catalog of Galaxies Vorontsov-Velyaminov, et al.
11	3	Strasbourg Planetary Nebulae
12	1	Catalogue of Galaxies and Clusters of Galaxies Zwicky, et al.
13	1	Smithsonian Astrophysical Observatory Star Catalog
14	3	ESO/Uppsala Survey of the ESO (B) Atlas Lauberts
15	2	Bright Star Catalogue - 4th Edition Hoffleit
16	2	New Catalog of Suspected Variable Stars Kukarkin, et al.
17	2	General Catalogue of Cool Carbon Stars
18	2	Catalog of Nearby Stars Gliese
19	2	General Catalog of S Stars Stephenson
20	3	Parkes HII Region Survey Haynes, et al.

Num	Type	Catalog Name
21	3	Bonn HII Region Survey Altenhoff, et al.
22	3	Catalog of CO Radial Velocities Toward Galactic HII Regions Blitz, et al.
23	3	Catalogue of Dark Nebulae Lynds
		Comparison Catalog of HII Regions Marsalkova
		Catalog of Star Clusters and Associations Alter, et al.
		Catalogue of Bright Diffuse Galactic Nebulae Cederblad
		Untersuchungen "ber Reflexionsnebel am Palomar Sky Survey Gurtler
		A Study of Reflection Nebulae van der Bergh
		Catalog of Southern Stars Embedded in Nebulosity van der Bergh & Herbst
24	2	Two Micron Sky Survey with Improved Positions Kleinmann & Joyce
25	1	Catalog of Dwarf Galaxies van der Bergh
26	1	Atlas of Peculiar Galaxies Arp
27	1	Galaxies with an Ultraviolet Continuum Markarian, et al.
28	1	Catalog of Extragalactic Radio Sources Having Flux Densities Greater then 1 Jy at 5 GHz Kuhr, et al.
29	1	Catalogue of Quasars and Active Nuclei Veron-Cetty and Veron
30	1	Lists of Galaxies Zwicky
31	1	Atlas and Catalog of Interacting Galaxies Vorontsov-Velyaminov
39		OSU Radio Master Catalog
40		Michigan Spectral Catalog, Vols. I-III

8.0 Figures (Plots and Commentary) for the Split Classes

In this section we present, alternately, spectral plots for the subclasses of each of the eighteen split classes, and commentary about their characteristics and significance.

Abbreviations are used in these commentaries are listed in the introduction to section 6.0. All catalog numbers refer to Table 4. *Astronomical Catalog References.* Astronomical terms are presented in *italics.*

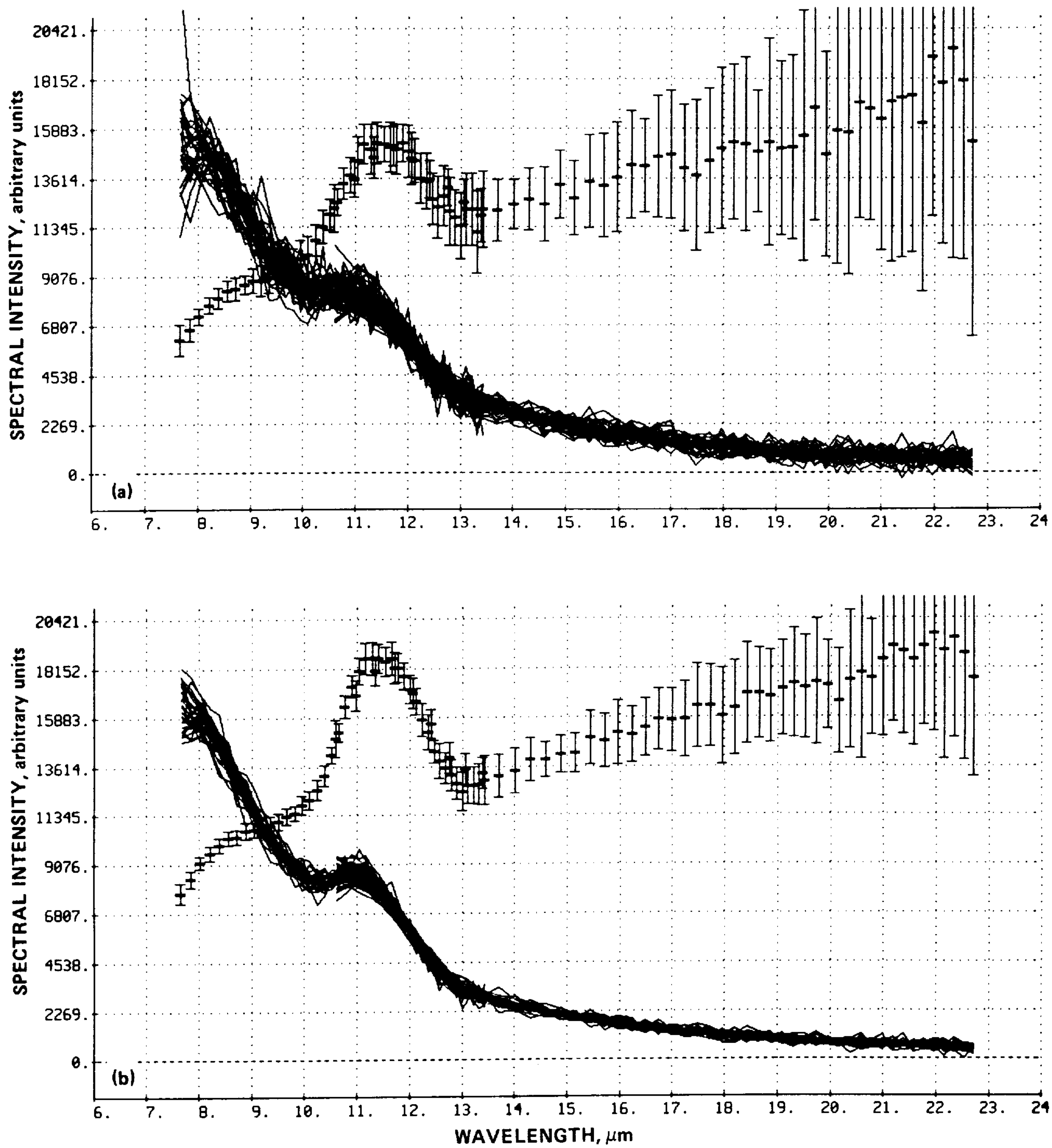


Figure 82.– Spectral Plots for Split of Class 0/α0. (a) Subclass 0/α0:0. (b) Subclass 0/α0:1.

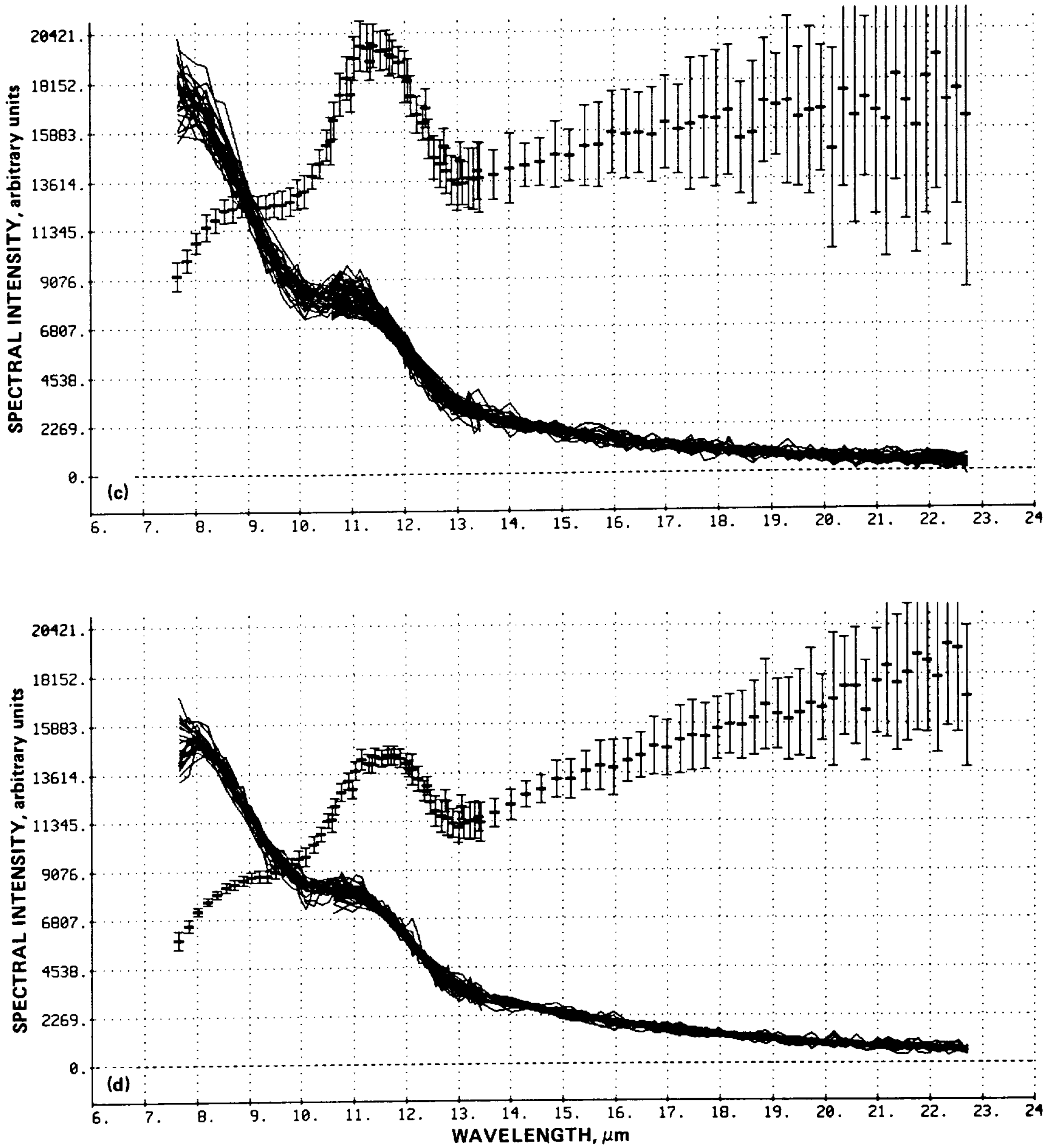


Figure 82.– Continued. (c) Subclass 0/α0:2. (d) Subclass 0/α0:3.

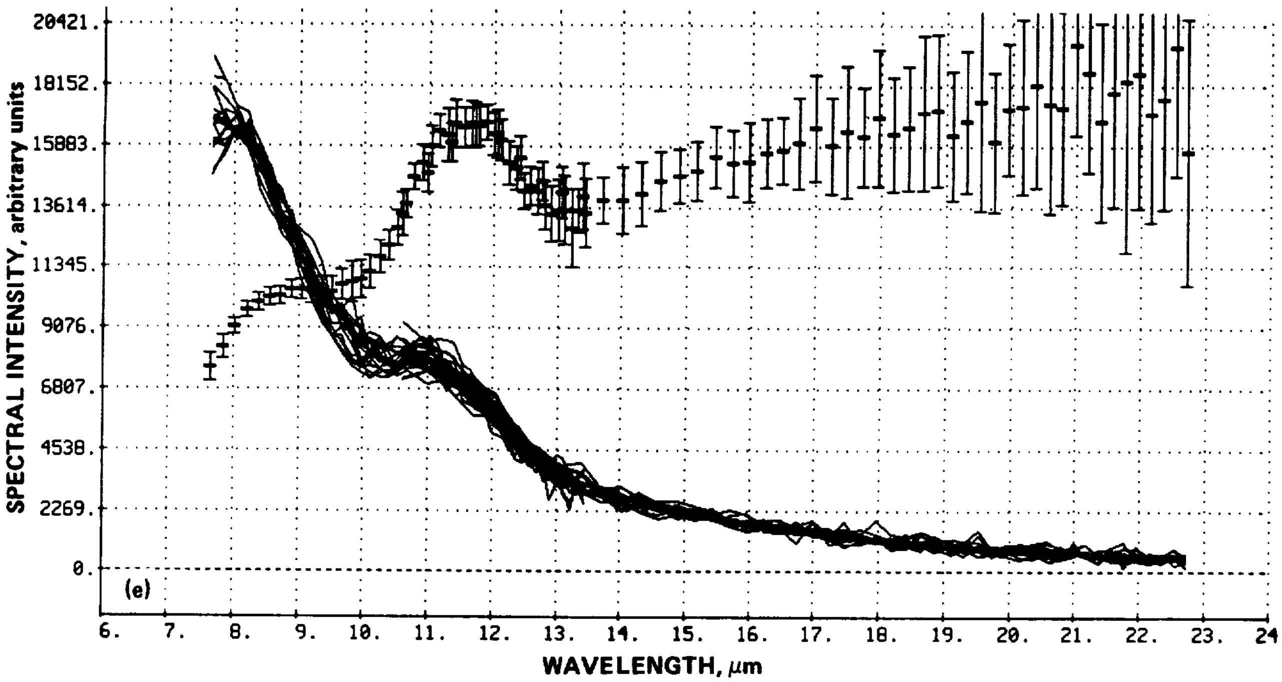


Figure 82.– Concluded. (e) Subclass 0/α0:4.

Commentary for Split of Class 0/α0

Subclasses: 5;Source count: 155; Source type: Carbon-rich; S/N: Very high.

It was expected that this class would contain only carbon-rich stars with silicon carbide emission, but there are some *M* stars in this class, particularly in subclass 0/α0:0. The class has been split, apparently on the basis of the strength of the 11.5 μm feature and S/N. There may be a temperature sequence for the subclasses, from subclass 0/α0:1, then subclass 0/α0:2, then subclass 0/α0:4, and finally the lowest temperatures for both subclasses 0/α0:3 and 0/α0:0. The lower temperature subclasses have weaker silicon carbide emission.

Subclass 0/α0:0

This subclass contains sources with lower S/N, and are similar to subclass 0/α0:1. There are three oxygen-rich stars in this subclass, out of 8 stars with association spectral types. *V571 Mon (A8N)* is in this subclass.

Subclass 0/α0:1

Out of 17 sources with associations, five of them are to oxygen-rich types not carbon-rich, which is a surprisingly large number. *T Dra (M3I)* is found in this subclass.

Subclass 0/α0:2

This subclass contains only carbon-rich stars, including *U Cam, R Lep, W Ori,* and *UU Aur.*

This bright subclass contains mainly carbon-rich stars, however almost none of them are associated with visible stars. The sources are associated mainly with sources in the RAFGL catalog (catalog number 3). *DO 1513 (M2)* is found in this subclass.

Subclass 0/α0:4

This subclass contains mainly carbon-rich sources, associated only with sources in the RAFGL catalog (catalog number 3). There may be one or two *M* stars in this subclass.

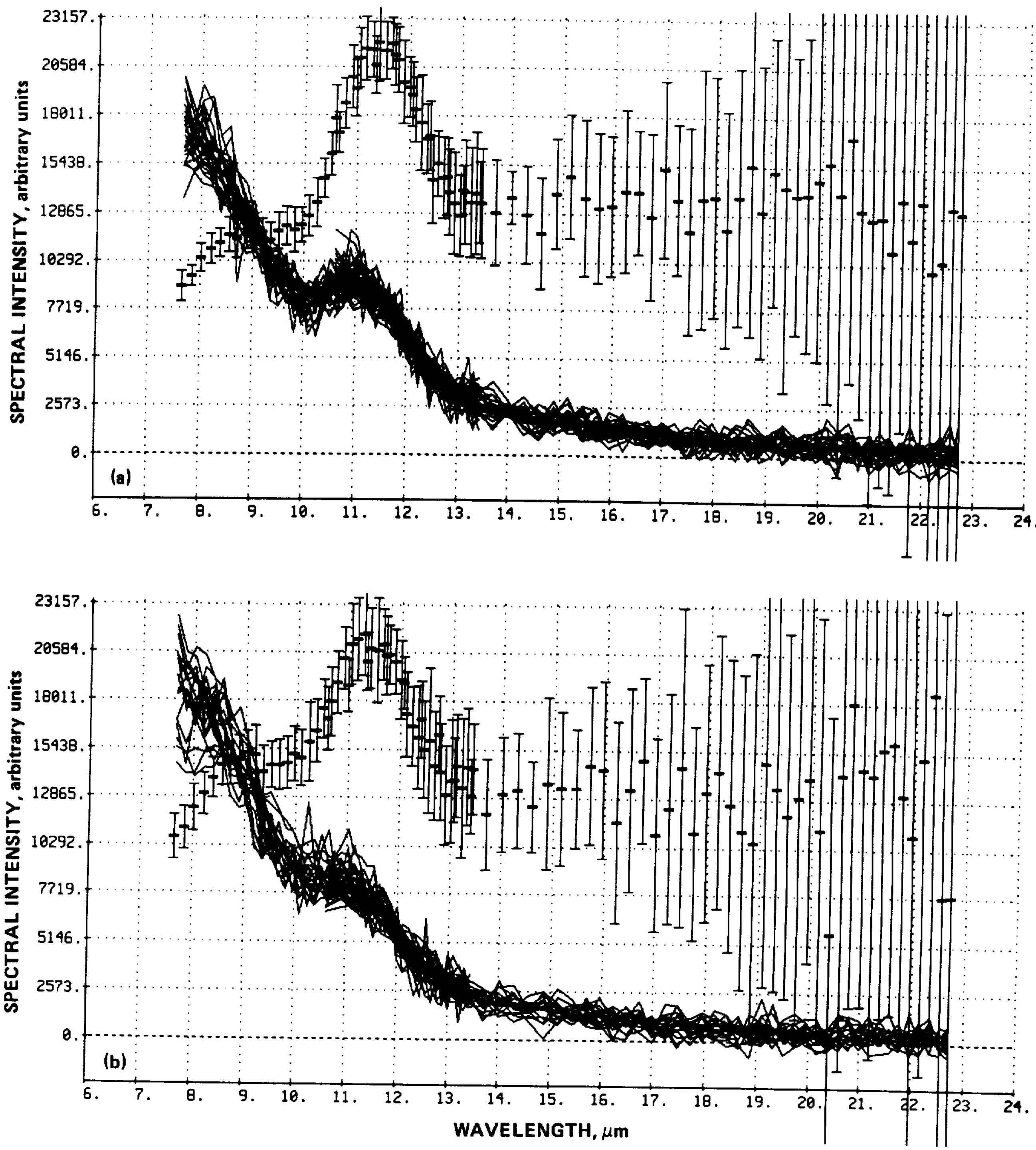


Figure 83.– Spectral Plots for Split of Class 5/α5. (a) Subclass 5/α5:0. (b) Subclass 5/α5:1.

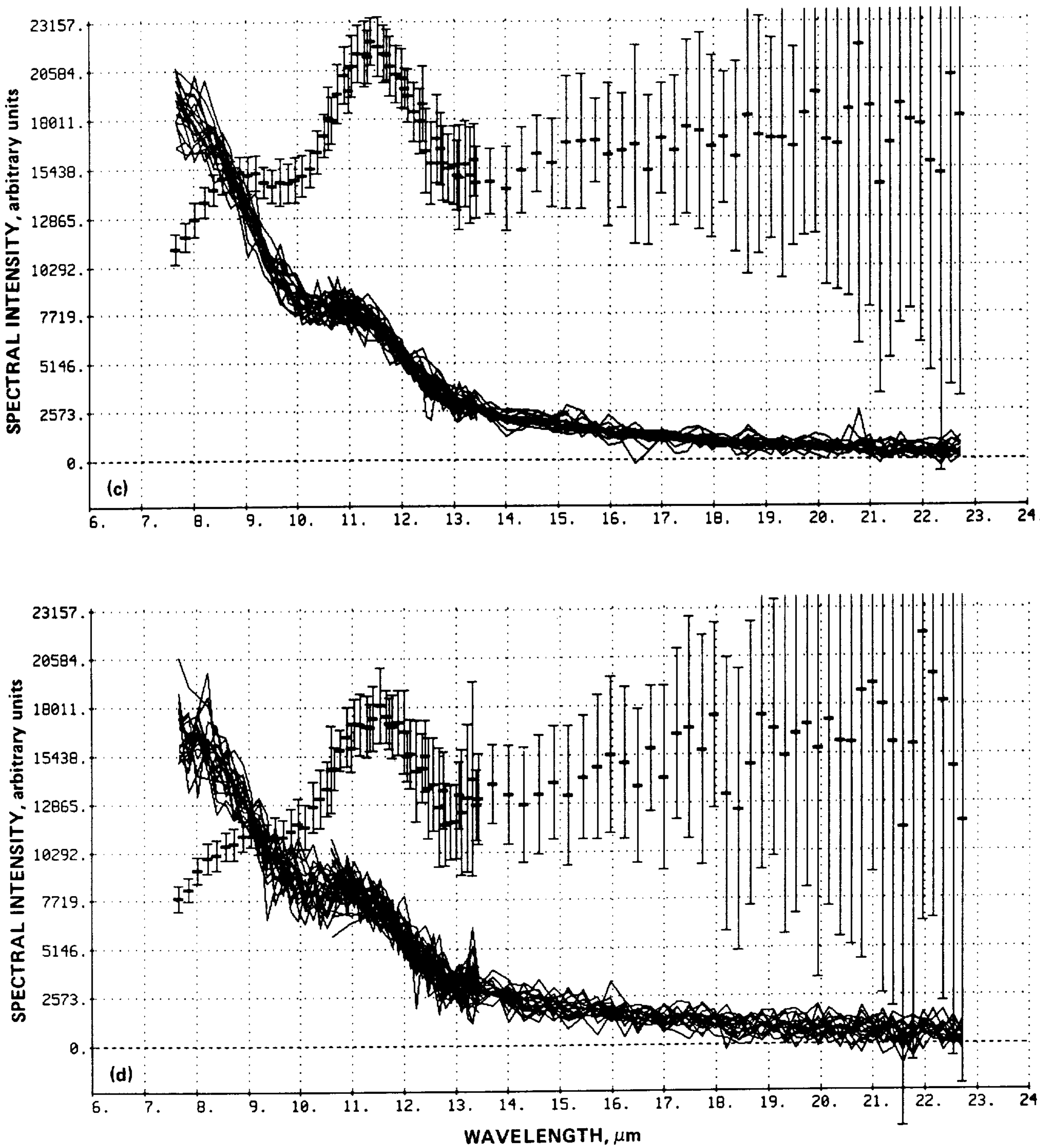


Figure 83.– Concluded. (c) Subclass 5/α5:2. (d) Subclass 5/α5:3.

Subclasses: 4;Source count: 91; Source type: Carbon-rich; S/N: High.

The four subclasses are created depending upon the strength of the 11.3 μm feature and S/N. Subclass 5/α5:0 has a stronger 11.3 μm feature than the other subclasses. Subclass 5/α5:2 has less noise than the other two subclasses with the same feature strength; subclasses 5/α5:1 and 5/α5:3 look very similar, but subclass 5/α5:1 may have a higher continuum temperature.

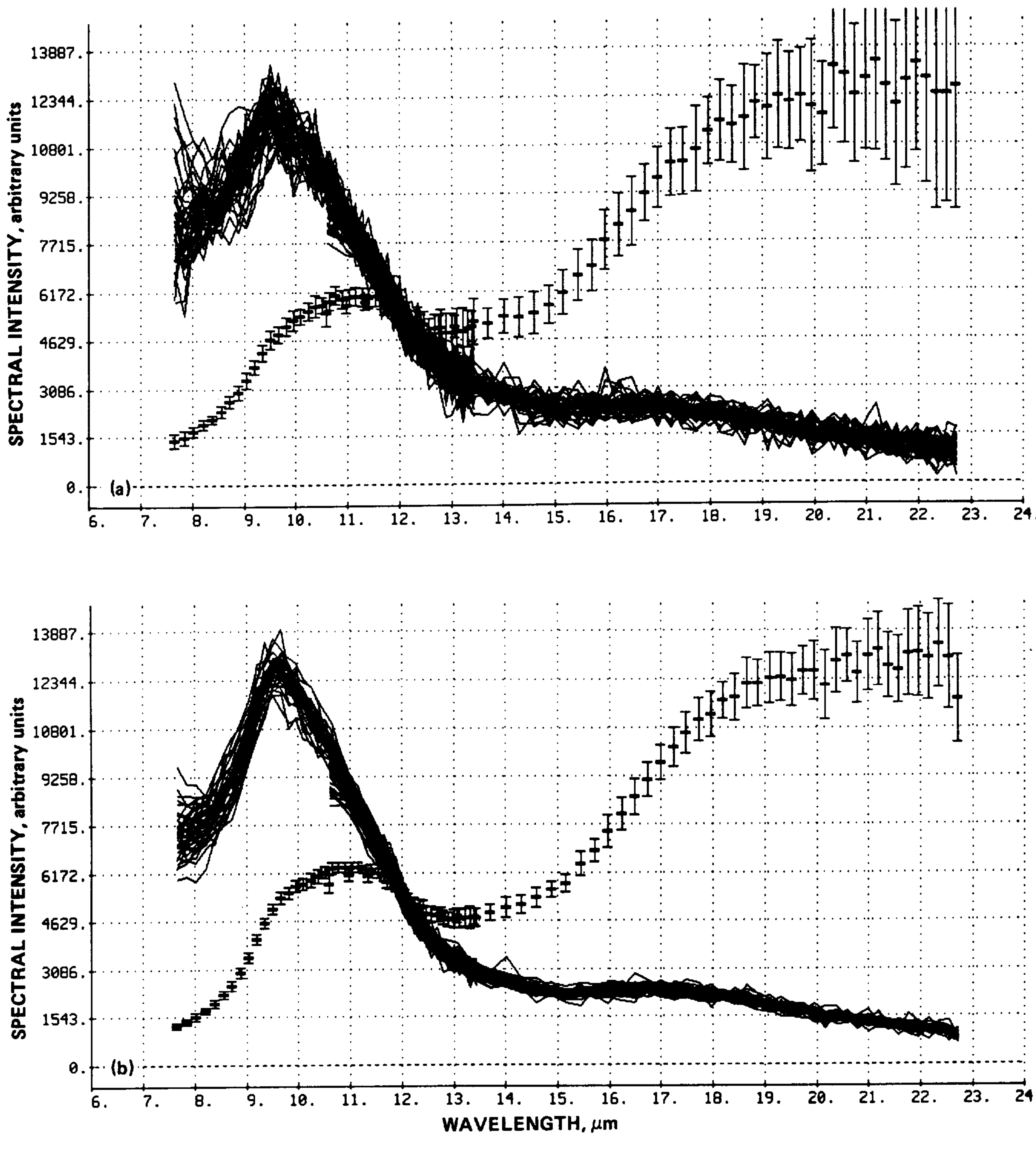


Figure 84.– Spectral Plots for Split of Class 7/β0. (a) Subclass 7/β0:0. (b) Subclass 7/β0:1.

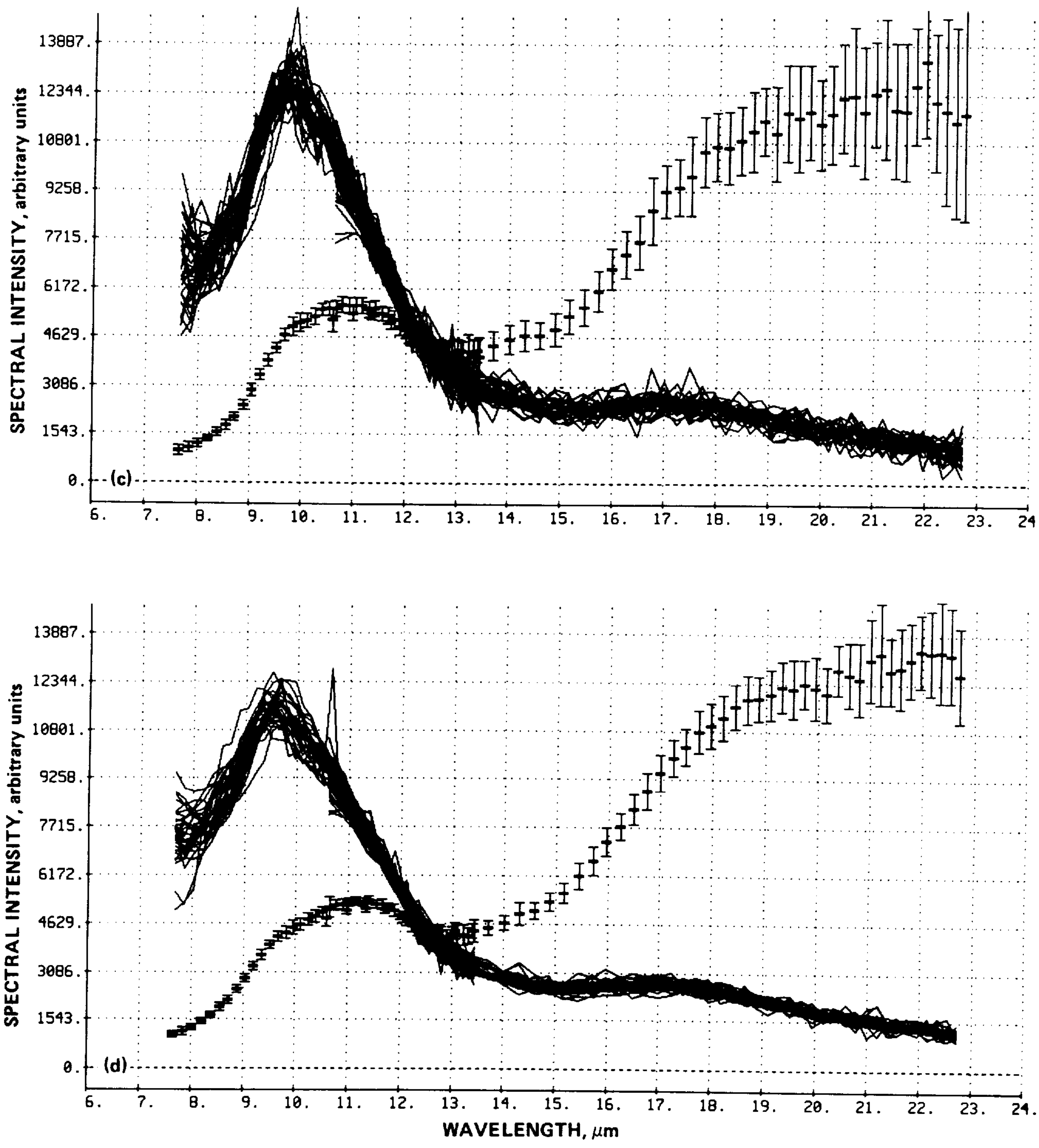


Figure 84.– Continued. (c) Subclass 7/β0:2. (d) Subclass 7/β0:3.

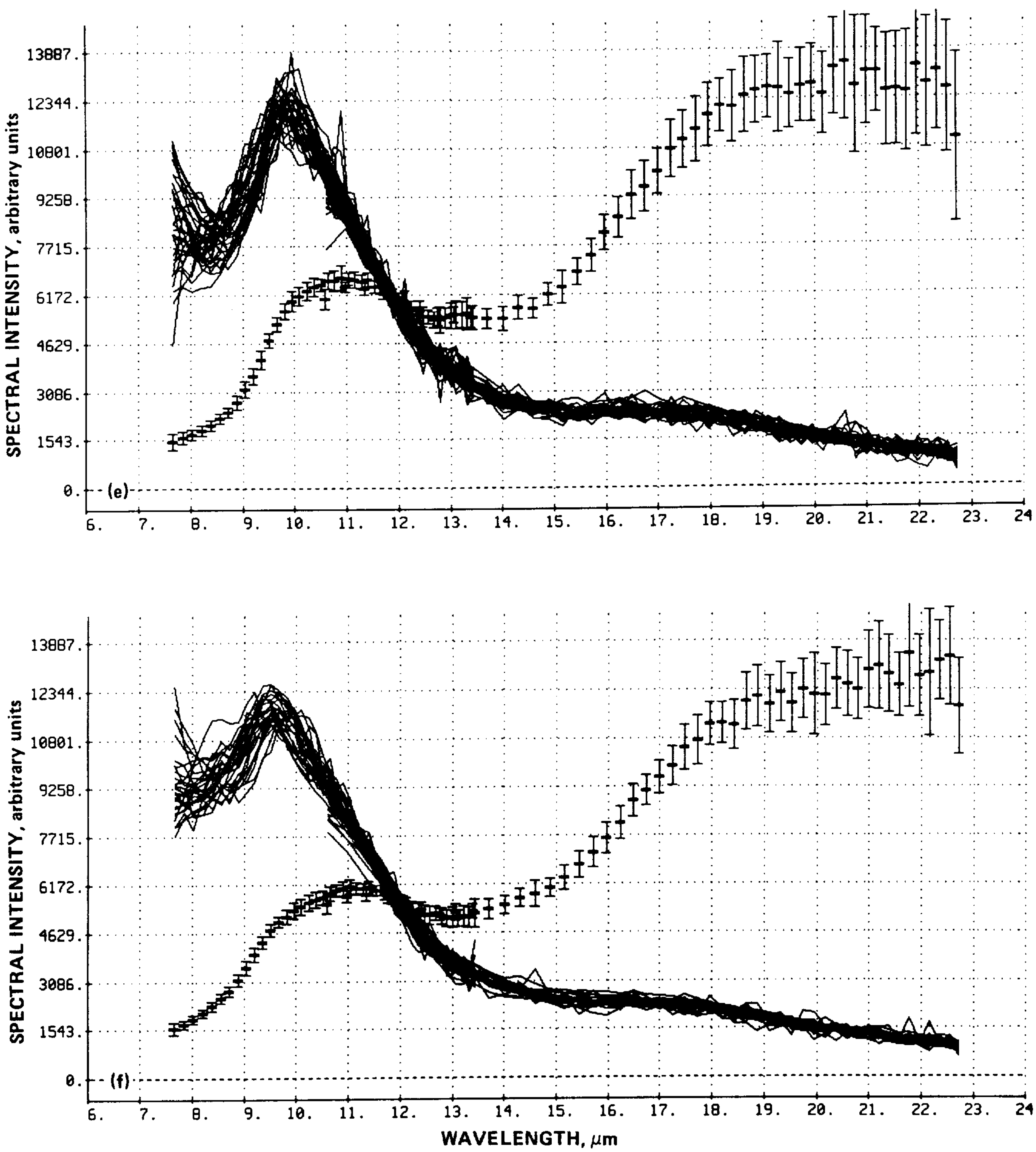


Figure 84.– Concluded. (e) Subclass 7/β0:4. (f) Subclass 7/β0:5.

Commentary for Split of Class 7/β0

Subclasses: 6; Source count: 224; Source type: Oxygen-rich/emission A; S/N: Very high.

This class is characterized by moderately strong 10 μm and 18 μm emissions, due to silicates. The subclasses appear to be separated using mostly the 8-10 μm spectrum and S/N. Minor features at 11 μm and 13 μm influence some subclasses. Subclasses 7/β0:2 and 7/β0:4 have a peak wavelength near 10.0 μm, whereas the other subclasses peak at 9.7 μm. Subclass 7/β0:0 (and possibly subclass 7/β0:5) may peak in blue at 9.5 μm, but this is probably caused by noise in the individual spectra. There are no carbon stars found in this class, with only one *K* star and one *F* star. The class is dominated by stars of spectral type *M9*. A sequence can be made based on increasing contrast between 10 μm and 8 μm as follows, subclass 7/β0:5, subclass 7/β0:4, subclass 7/β0:0, subclass 7/β0:3, subclass 7/β0:1, and finally the strongest contrast in subclass 7/β0:2.

Subclass 7/β0:0

This is a relatively noisy subclass, with the feature peak near 9.5 μm. The associations are mainly to RAFGL sources (catalog number 3).

Subclass 7/β0:1

This subclass has good S/N, and the feature peak is near 9.7 μm. This subclass is dominated by stars of spectral type *M9. TX Cam, WX Ser, V395 Sgr,* and *GY Aql* are in this subclass.

Subclass 7/β0:2

This subclass has moderate S/N, with the feature peak near 10.0 μm. Stars with mid-*M* spectral types dominate this subclass. *W Cep (K0)* is in this subclass.

Subclass 7/β0:3

This subclass has a feature peak near 9.7 μm, and a possible 22 μm excess. The sources are associated mainly with late *M* stars. *IW Hya* and *V2018 Oph* are in this subclass.

Subclass 7/β0:4

The subclass has a feature peak near 10.0 μm, and sometimes a weak emission feature at 13.1 μm. This subclass contains the stars with the earliest *M* spectral types, and contains some supergiants. *IO Per (M3Iab,* TW Peg (M6g),) and *CU Cep (M4III)* are in this subclass.

Subclass 7/β0:5

This subclass has a feature peak at 9.5 μm. The subclass contains mostly late *M* stars. *KU And* and *IRC 30187* belong to this subclass. The subclass also contains *VX Sgr (M4eIa)* and *U Mon (F8-K0Ib)*.

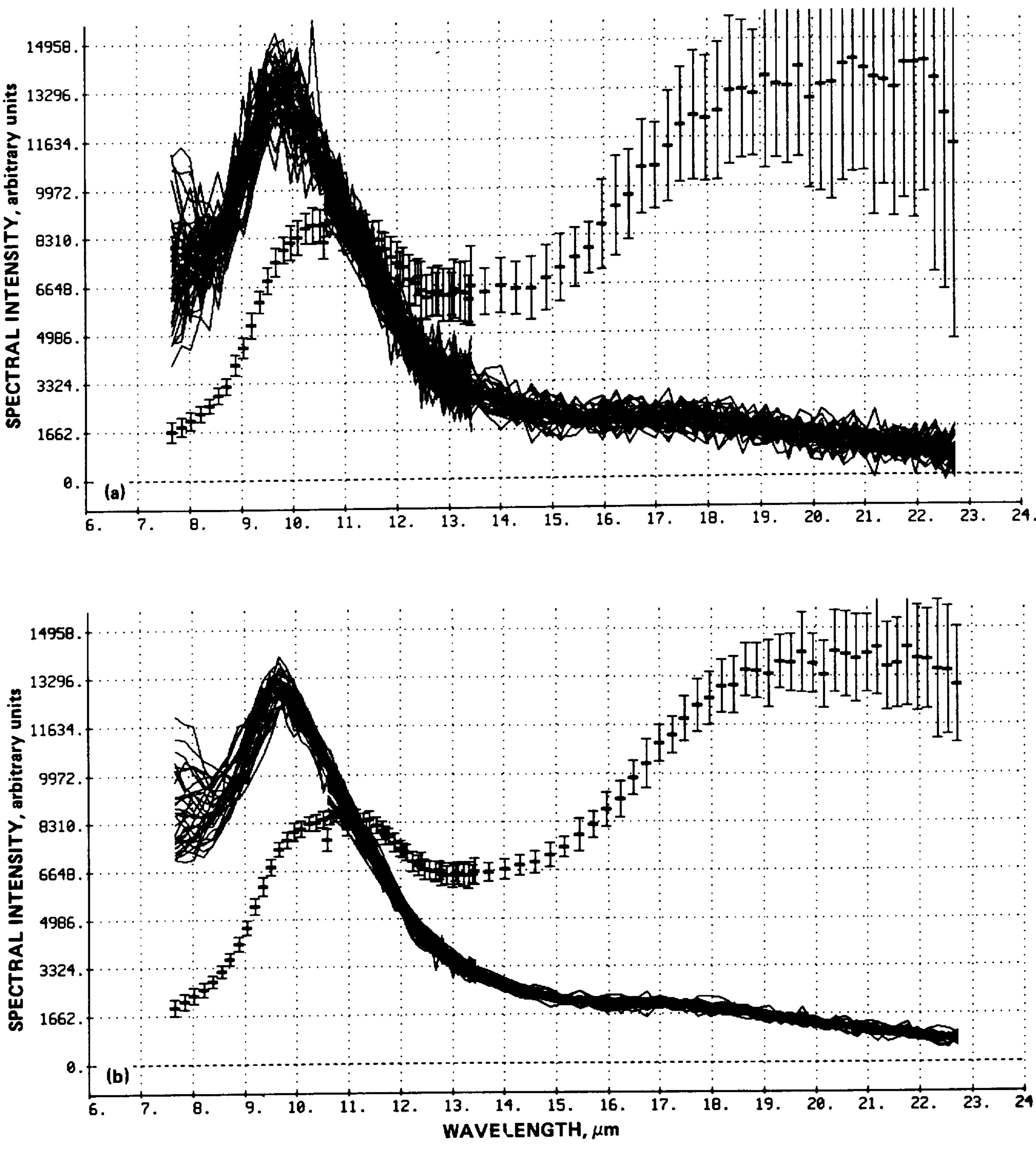


Figure 85.– Spectral Plots for Split of Class 8/β1. (a) Subclass 8/β1:0. (b) Subclass 8/β1:1.

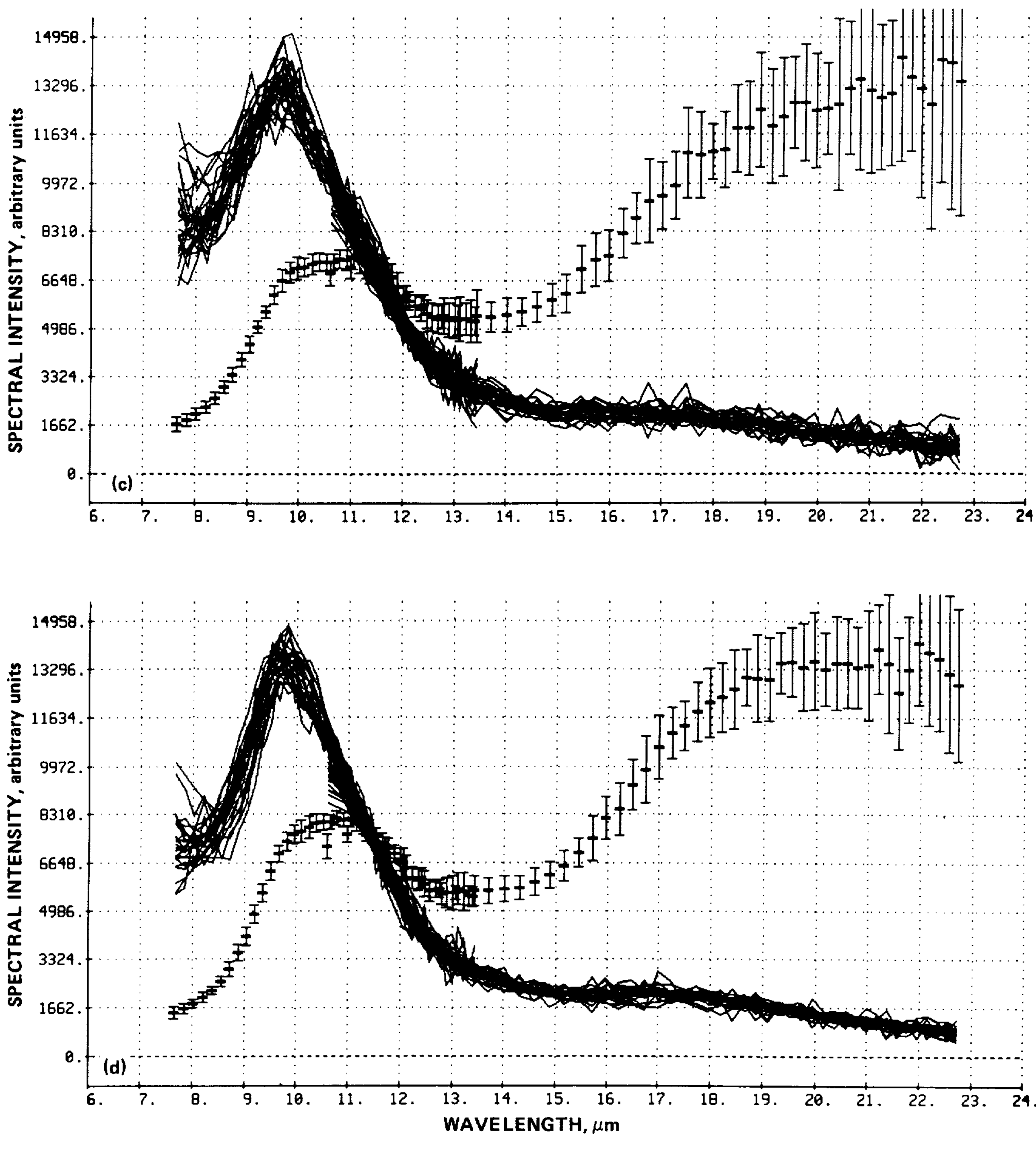


Figure 85.– Continued. (c) Subclass 8/β1:2. (d) Subclass 8/β1:3.

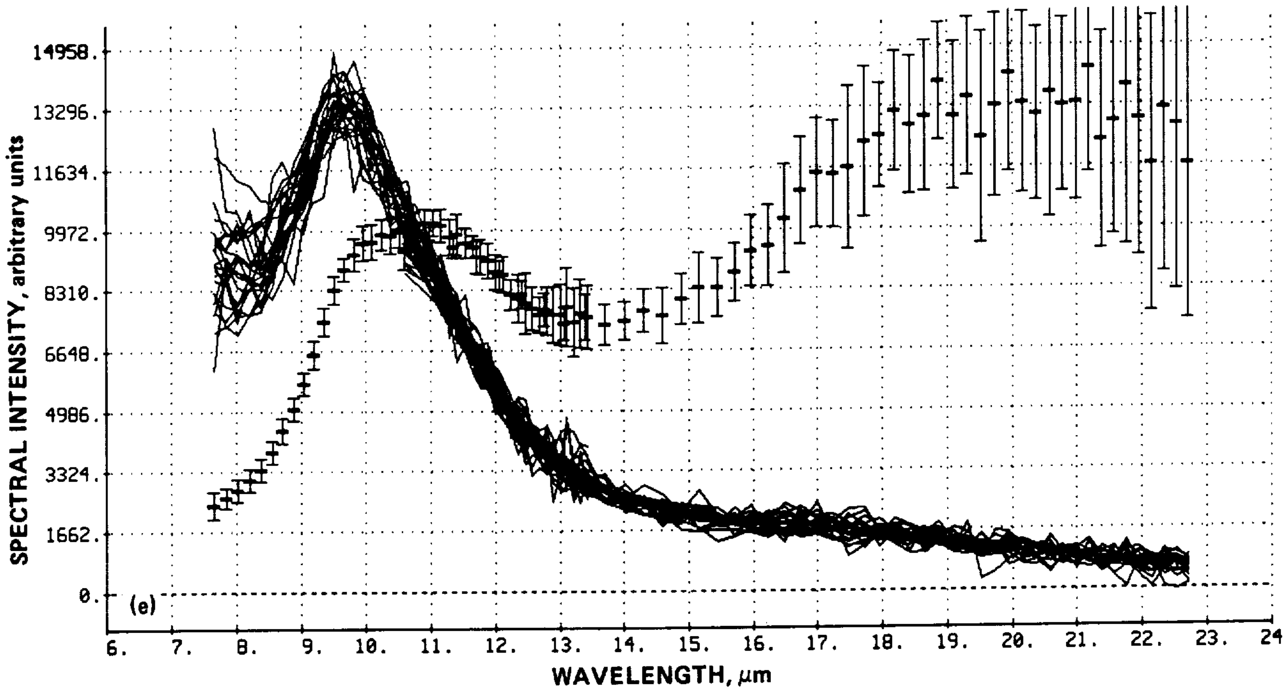


Figure 85.– Concluded. (e) Subclass 8/β1:4.

Commentary for Split of Class 8/β1

Subclasses: 5; Source count: 171; Source type: Oxygen-rich/emission B; S/N: Very high.

It looks as though S/N is the main criterion for the separation of the subclasses in this class. There are small variations in the blue edge of the continuum, which may reflect variations in feature strength, seen in subclasses 8/β1:0 and 8/β1:3 as opposed to subclasses 8/β1:1, 8/β1:2 and 8/β1:4. Subclass 8/β1:4 has bluer colors than the other subclasses. Subclass 8/β1:2 is surprising in that its sources are concentrated towards the inner galaxy.

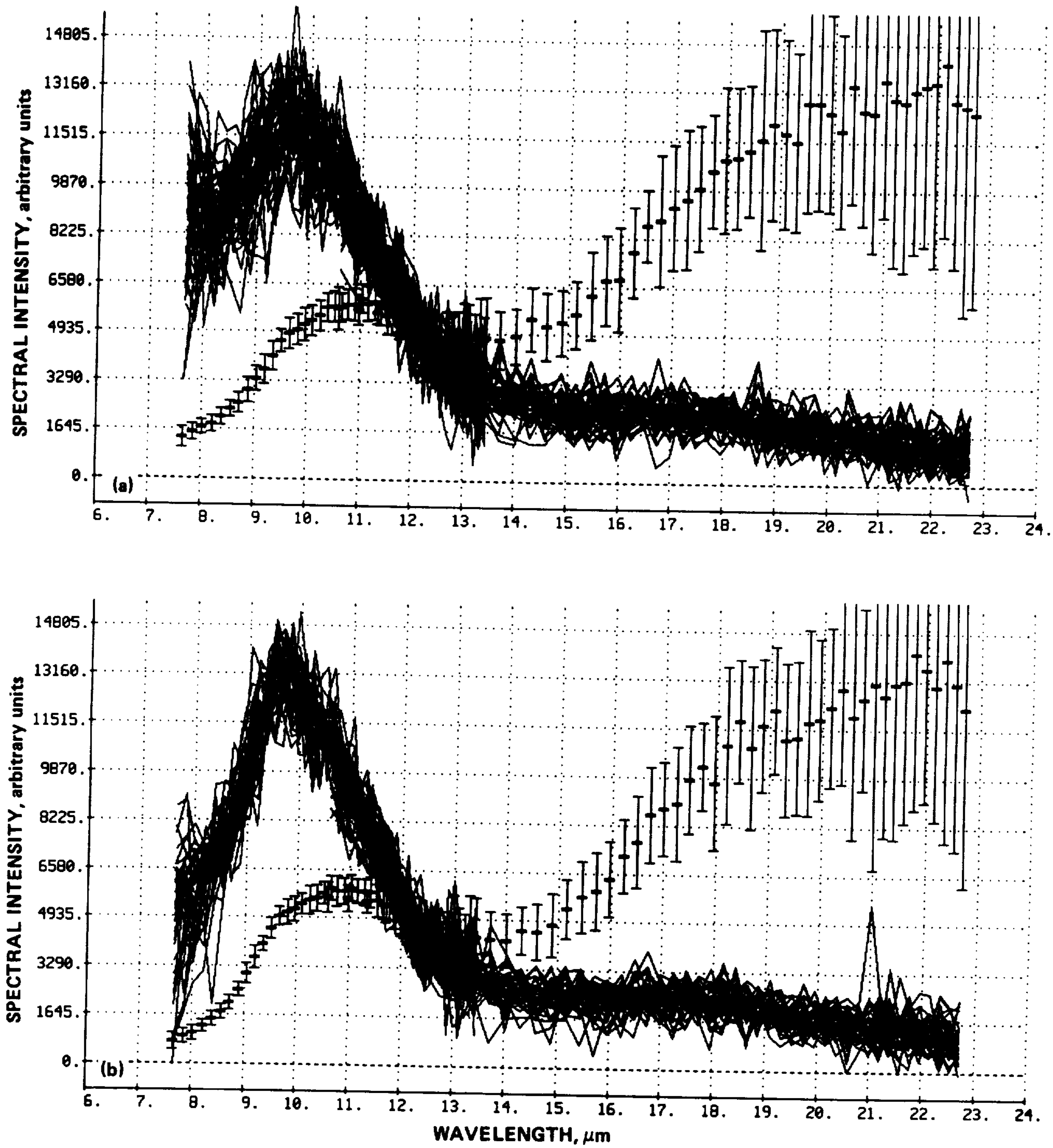


Figure 86.– Spectral Plots for Split of Class 9/β:2. (a) Subclass 9/β2:0. (b) Subclass 9/β2:1.

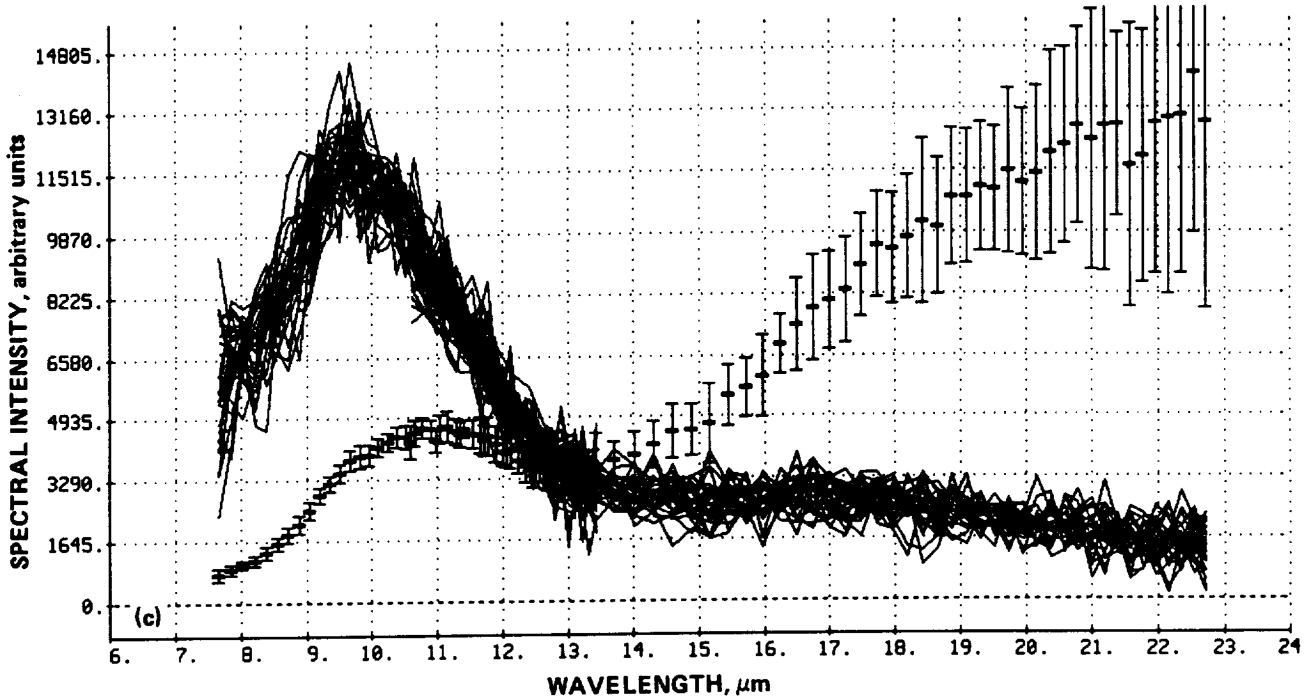


Figure 86.– Concluded. (c) Subclass 9/β2:2.

Commentary for Split of Class 9/β2

Subclasses: 3; Source count: 144; Source type: Oxygen-rich/emission A; S/N: High.

The three subclasses are separated on the basis of feature strength: subclass 9/β2:1 has a stronger feature than subclass 9/β2:2, which is stronger than that in subclass 9/β2:0. Subclass 9/β2:2 contains sources with very low galactic latitudes and the reddest sources in the class.

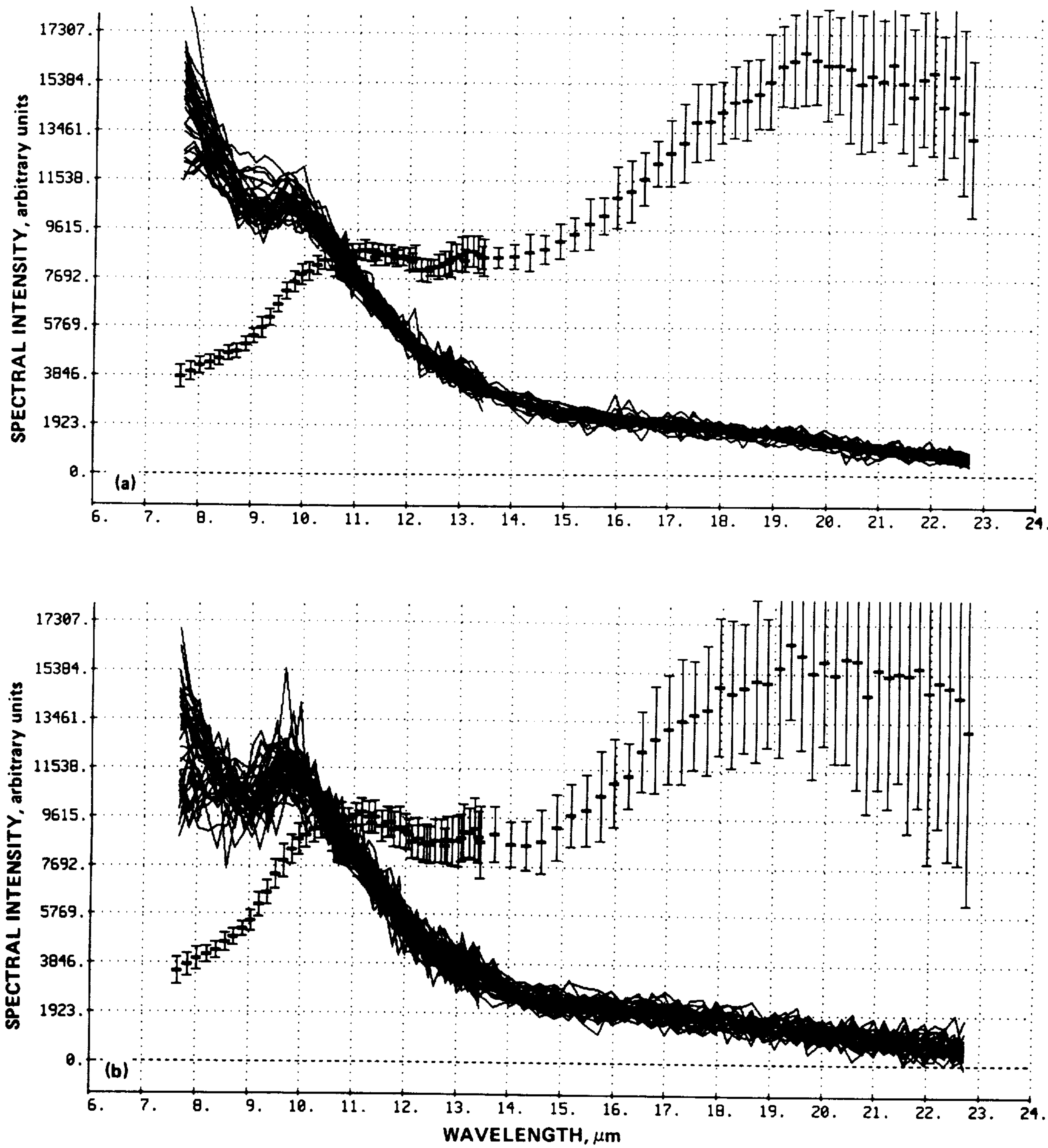
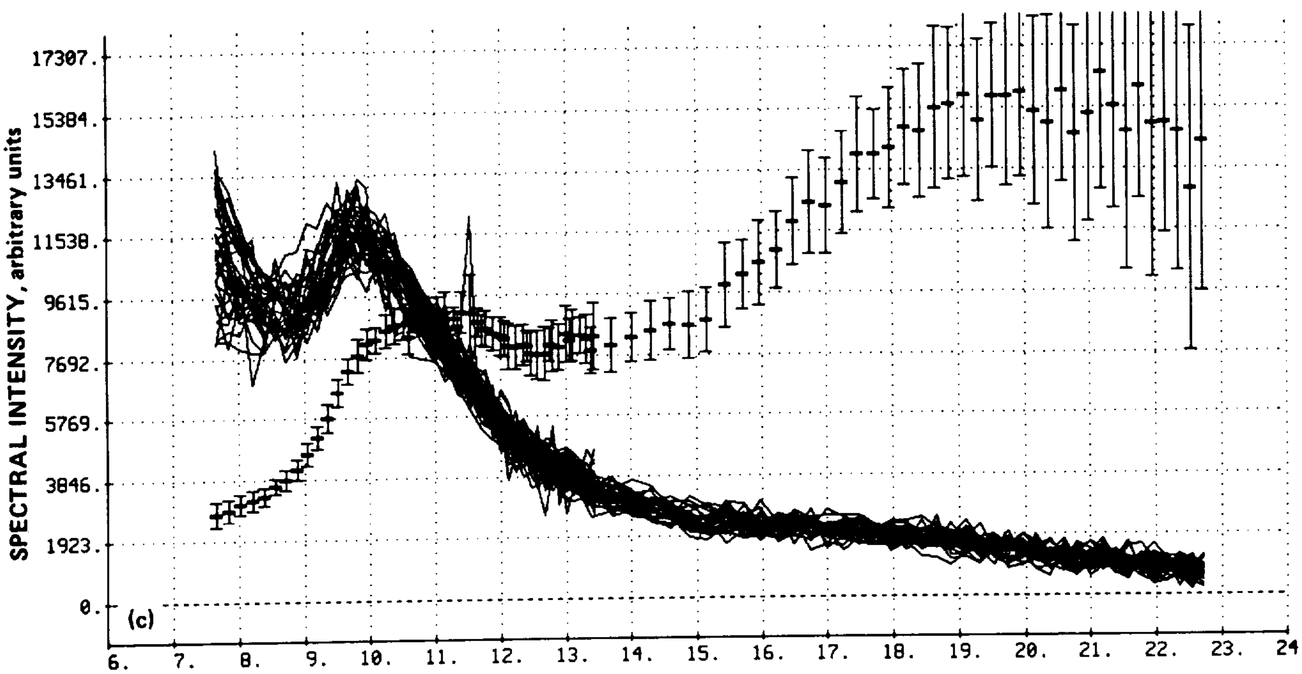


Figure 87.– Spectral Plots for Split of Class 15/β8. (a) Subclass 15/β8:0. (b) Subclass 15/β8:1.



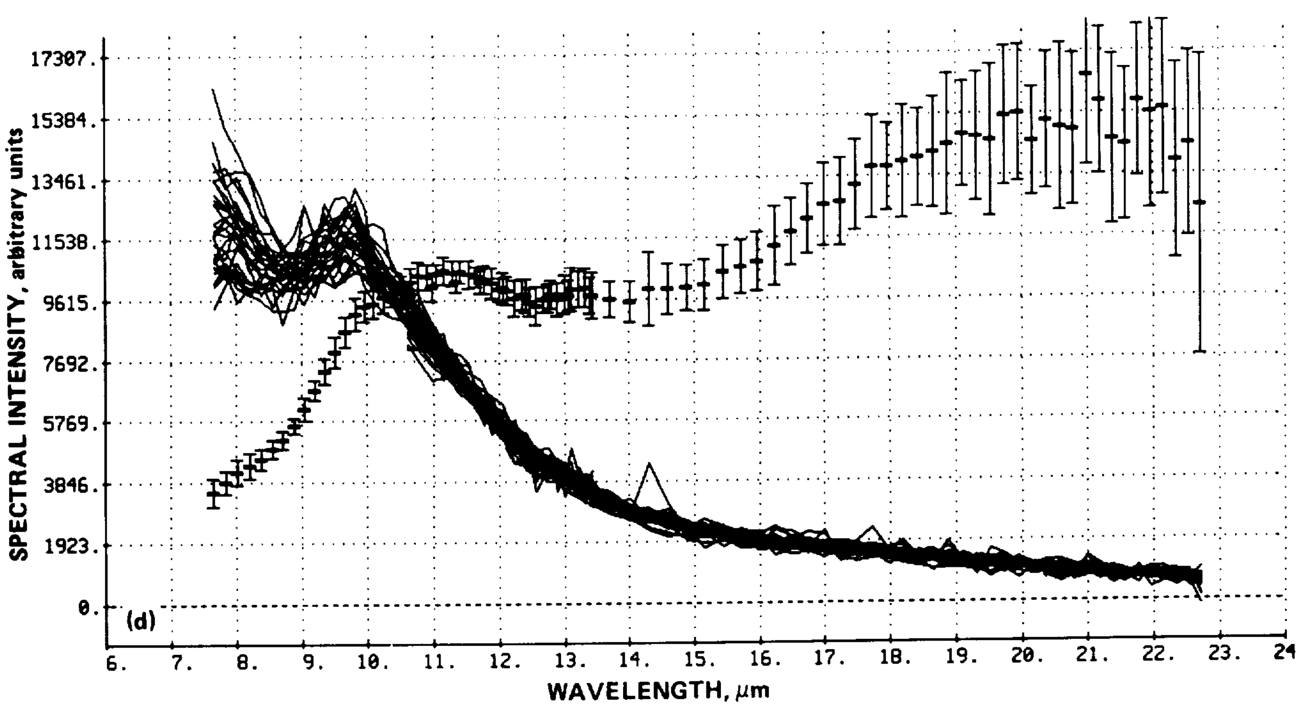


Figure 87.– Continued. (c) Subclass 15/β8:2. (d) Subclass 15/β8:3.

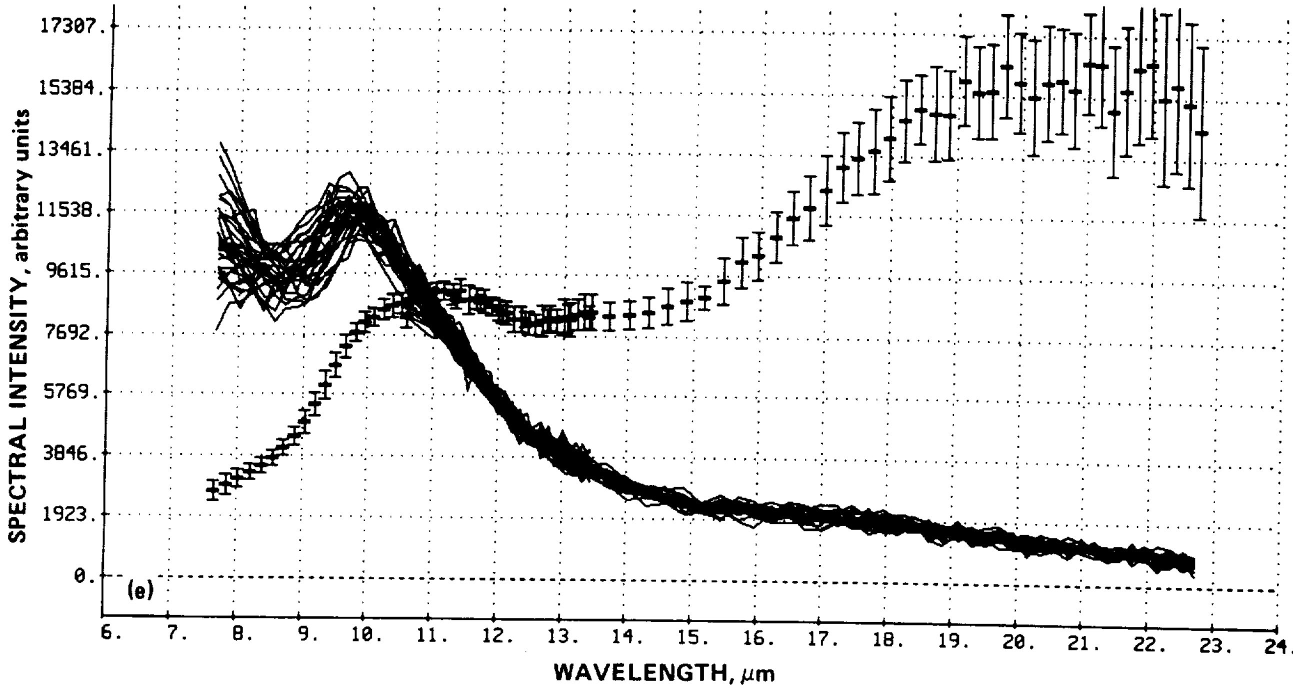


Figure 87.– Concluded. (e) Subclass 15/β8:4.

Commentary for Split of Class 15/β8

Subclasses: 5; Source count: 172; Source type: Oxygen-rich/emission C; S/N: Very high.

The subclasses split into three sets based on the feature strengths. Subclasses 15/β8:1 and 15/β8:3 have similar feature strengths, as do 15/β8:2 and 15/β8:4, so that S/N separates the subclasses. The continuum levels and colors appear to be the same for all the subclasses. The galactic distribution of some of the subclasses appears very odd: for instance, comparing subclass 15/β8:3 to 15/β8:2.

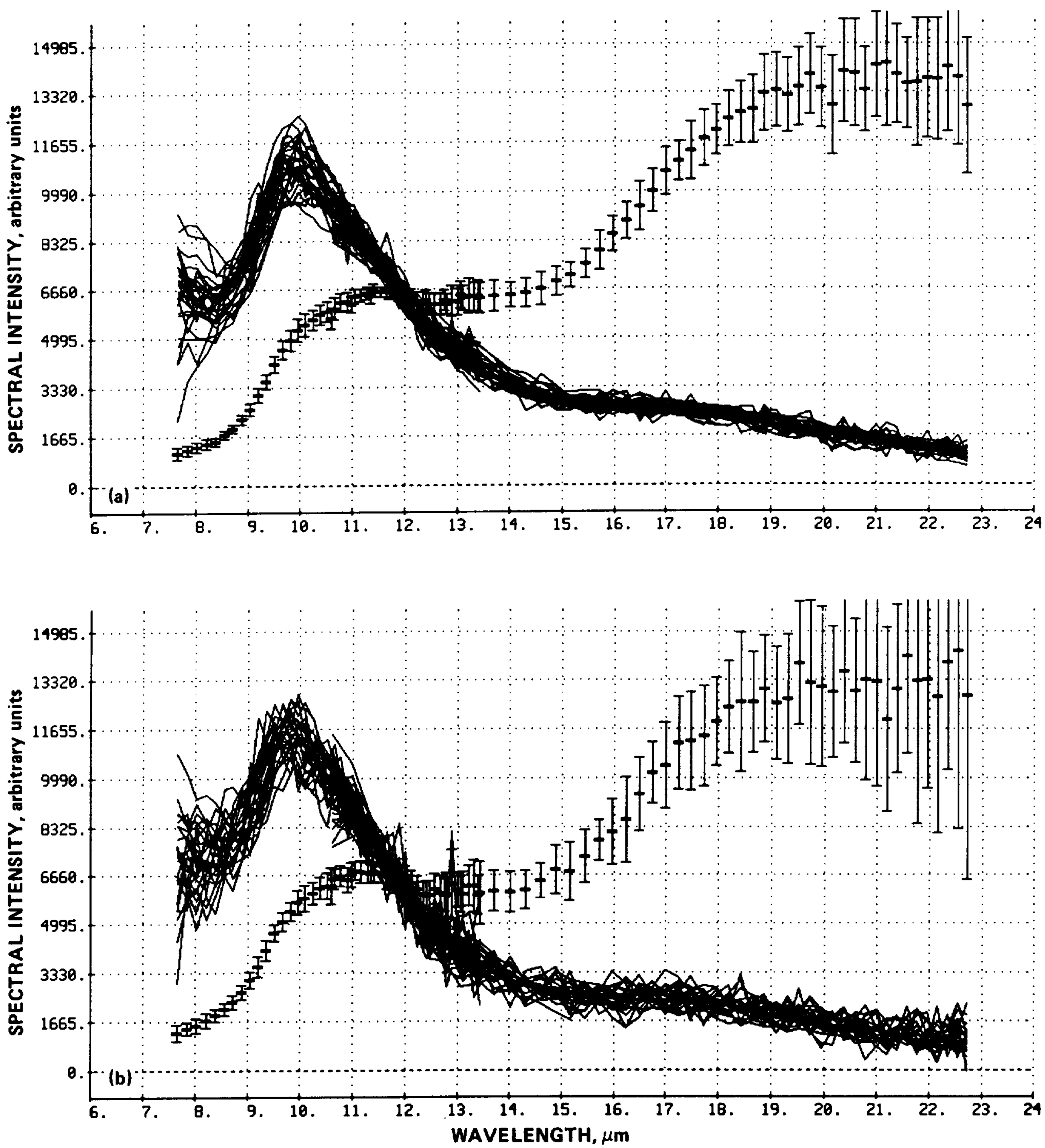


Figure 88.– Spectral Plots for Split of Class 18/β11. (a) Subclass 18/β011:0. (b) Subclass 18/β11:1.

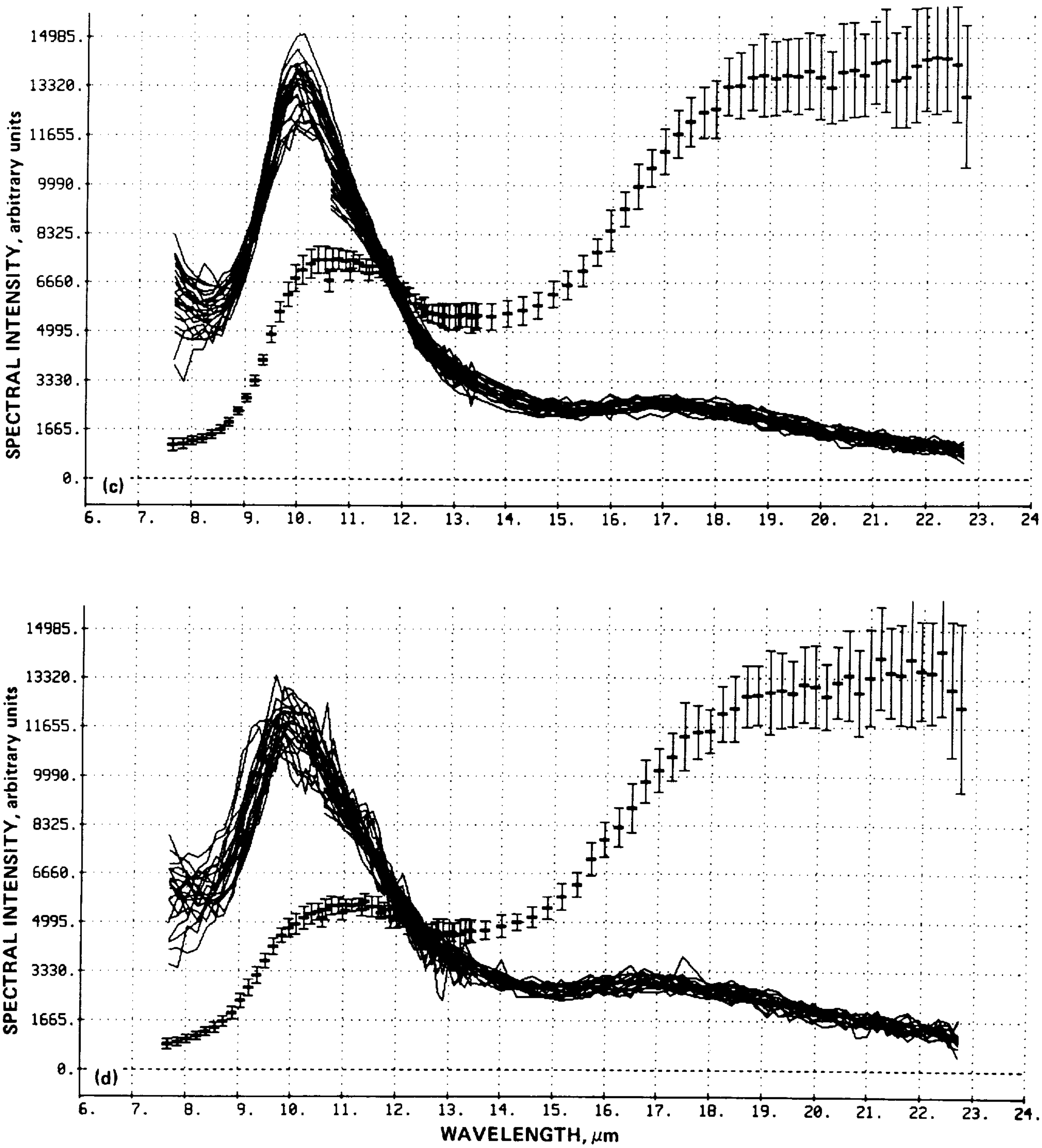


Figure 88.– Continued. (c) Subclass 18/β11:2. (d) Subclass 18/β11:3.

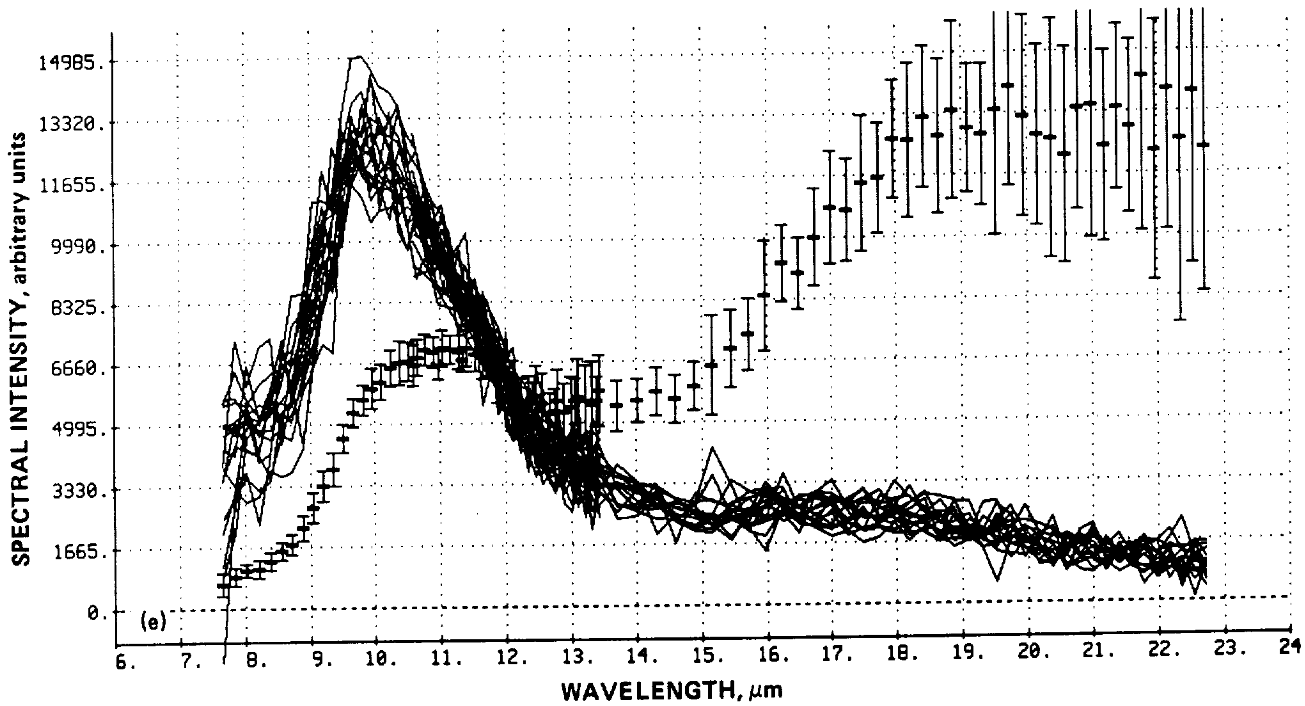


Figure 88.– Concluded. (e) Subclass 18/β11:4.

Commentary for Split of Class 18/β11

Subclasses: 5; Source count: 126; Source type: Oxygen-rich/emission C; S/N: High.

The subclasses are formed on the basis of feature strength and S/N, with subclasses 18/β11:0, 18/β11:1, and 18/β11:3 in one group, and 18/β11:2 and 18/β11:4 in another having a stronger feature. Subclass 18/β11:3 may have a stronger feature than subclasses 18/β11:0 and 18/β11:1, but the feature may also have a different shape.

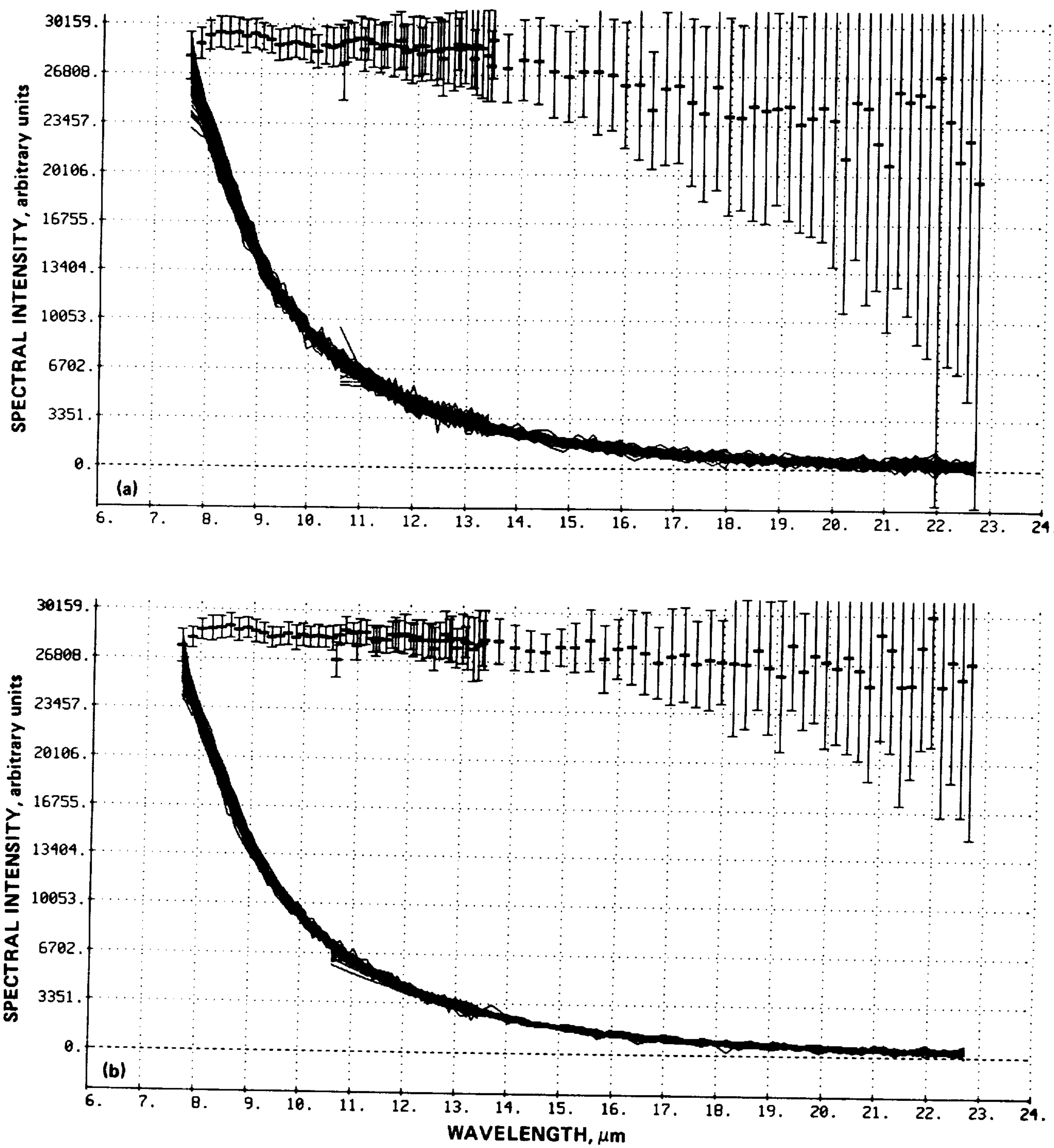


Figure 89.– Spectral Plots for Split of Class 23/δ0. (a) Subclass 23/δ0:0. (b) Subclass 23/δ0:1.

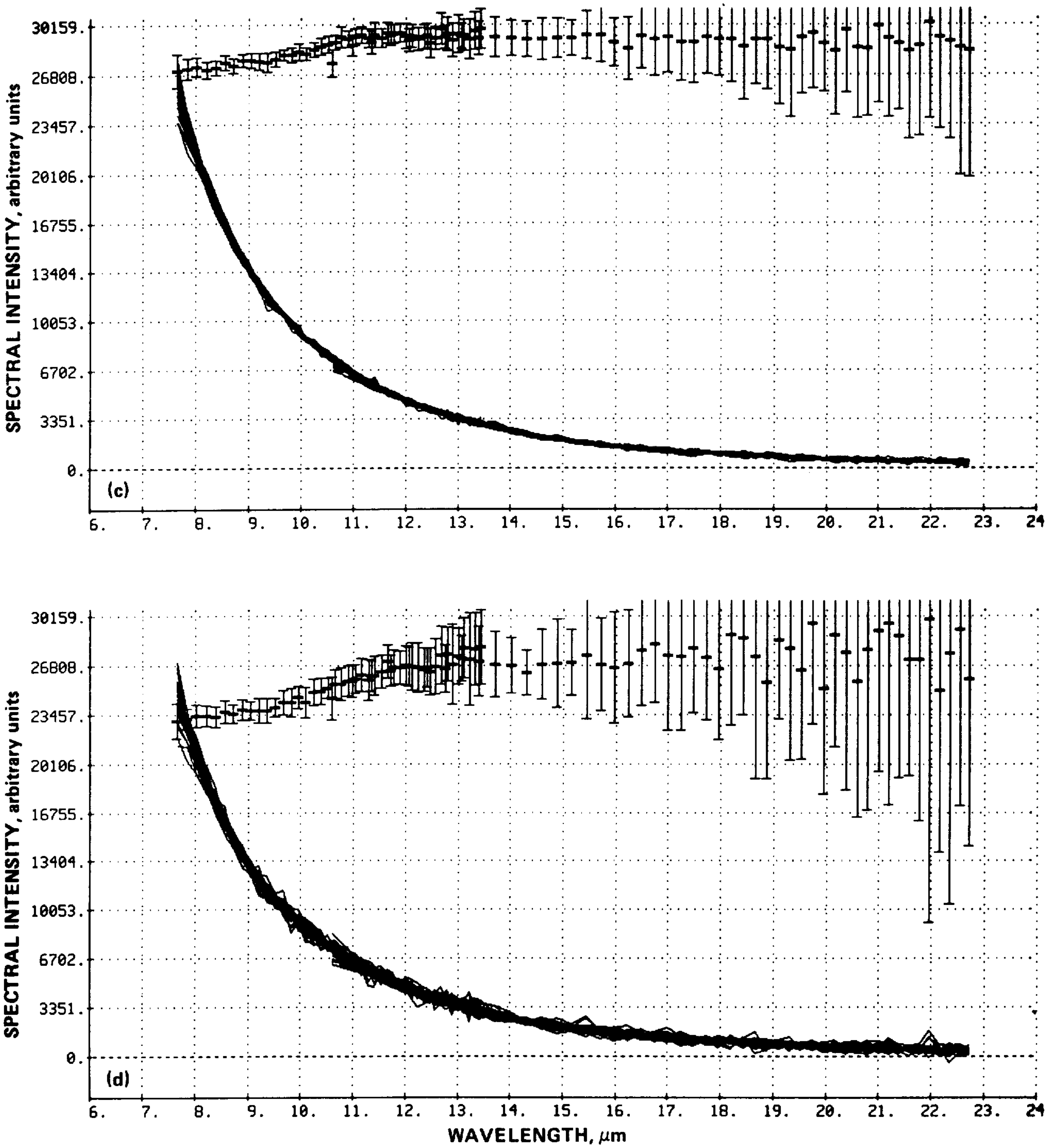


Figure 89.– Continued. (c) Subclass 23/δ0:2. (d) Subclass 23/δ0:3.

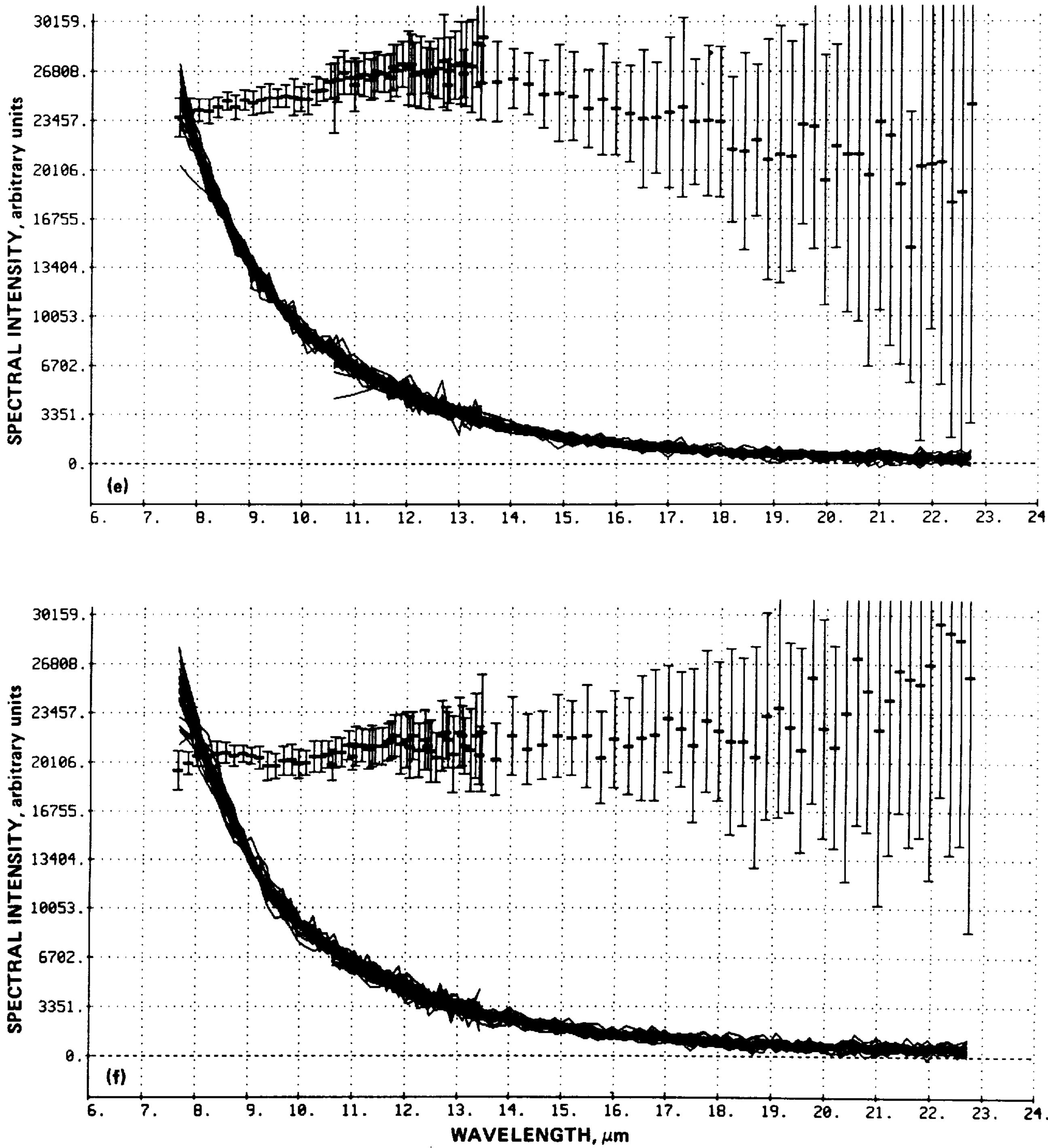


Figure 89.– Continued. (e) Subclass 23/δ0:4. (f) Subclass 23/δ0:5.

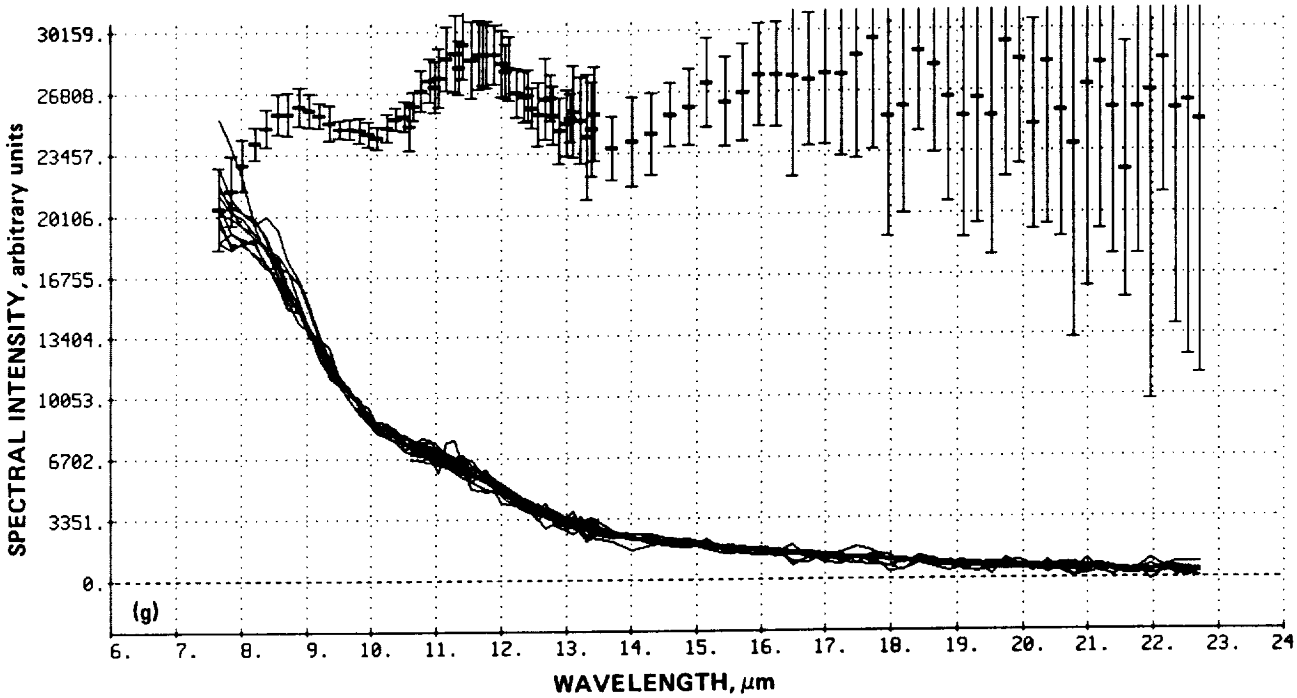


Figure 89.– Concluded. (g) Subclass 23/δ0:6.

Commentary for Split of Class 23/δ0

Subclasses: 7; Source count: 256; Source type: Featureless; S/N: Very high.

As mentioned in the introduction, the calibration of the spectra was incorrect, resulting in noticeable flux errors at the longer wavelengths when there is good S/N; this class is one affected by this problem. The calibration problem is noticeable in subclasses 23/δ0:0 and 23/δ0:4. There is an apparent temperature sequence for the subclasses, from subclass 23/δ0:0 as the hottest with subclass 23/δ0:1, then subclasses 23/δ0:5, 23/δ0:2, 23/δ0:4, then subclass 23/δ0:3, and finally subclass 23/δ0:6, which shows some features. Subclass 23/δ0:5 has a similar temperature to subclass 23/δ0:1 but with higher noise, and subclass 23/δ0:4 has a temperature similar to subclass 23/δ0:3 at shorter wavelengths but decreases faster at longer wavelengths.

Subclass 23/δ0:0

The spectra of the sources in this subclass fall faster than the blackbody curve, and the difference curve shows evidence of excess flux at the longest wavelengths. A significant number of stars in this subclass have 100 μm fluxes, including α Lyr. This subclass has the widest range of spectral types, although *M* spectral types dominate the group.

Subclass 23/δ0:1

These sources have very, very similar spectra, giving a very tight grouping. They are featureless with very high S/N, and the LRS continuum gives a temperature of 50,000 K, since they appear to have a blue excess. The sources have a broad range of spectral types, but they are mainly *K* and *M* stars, and there are no carbon stars in this subclass. Many of the known *IR* calibrators are in this subclass. Only a few sources have 100 μm fluxes.

Subclass 23/δ0:2

These sources have very high S/N and are very similar, so that an extremely tight group is formed. There may be a weak feature in the spectrum: if this is an emission at 11.5 μm, the LRS continuum gives a temperature of 10,000 K; if it is an absorption between 8 and 10 μm, the LRS continuum gives a temperature of 5,000 K. The sources in this subclass are mainly *M* stars, the two exceptions being α *Tau (K5III)* and γ *Aql (K3II)*.

Subclass 23/δ0:3

The LRS continuum gives a temperature of around 3,000 K for these sources, and they are usually of *M* spectral type. There may be a suggestion of emission around 11 μm for some of the sources. A significant number of the sources in this subclass have 100 μm fluxes. *T Cam (S5,7.5)* is found in this subclass.

Subclass 23/δ0:4

These sources have good S/N and form a tight group. The spectra may have a

problem with the baseline, in which case the LRS continuum gives a temperature of 4,000 K. Alternatively there may be a feature in the spectrum: if there is an emission feature at 11.5 μm, the LRS continuum gives a temperature of 10,000 K; and if there is an absorption feature between 14 and 23 μm, the temperature is 4,000 K. These sources are predominantly *M4,* although there is one carbon star present *(BL Ori)*. Some of the strongest 100 μm excess fluxes are in this subclass.

Subclass 23/δ0:5

These sources may have a long wavelength baseline error. With this or an emission feature at 22 μm and an absorption feature at 10 μm, the LRS continuum gives a temperature of 10,000 K. If only an emission feature at 22 μm is present, the temperature is 8,000 K. The stars in this subclass are all *M* stars except for *AX Cyg,* a carbon star.

Subclass 23/δ0:6

This subclass contains carbon stars. There are possibly weak absorption features at 7 μm, 10 μm and 13.5 μm. The LRS continuum gives a temperature of 10,000 K. Almost all of the sources have fluxes measured at 100 μm. One *M* star *(AW CVn)* is included in this subclass, due to the fact that the spectrum has a spurious narrow emission feature at 11.5 μm.

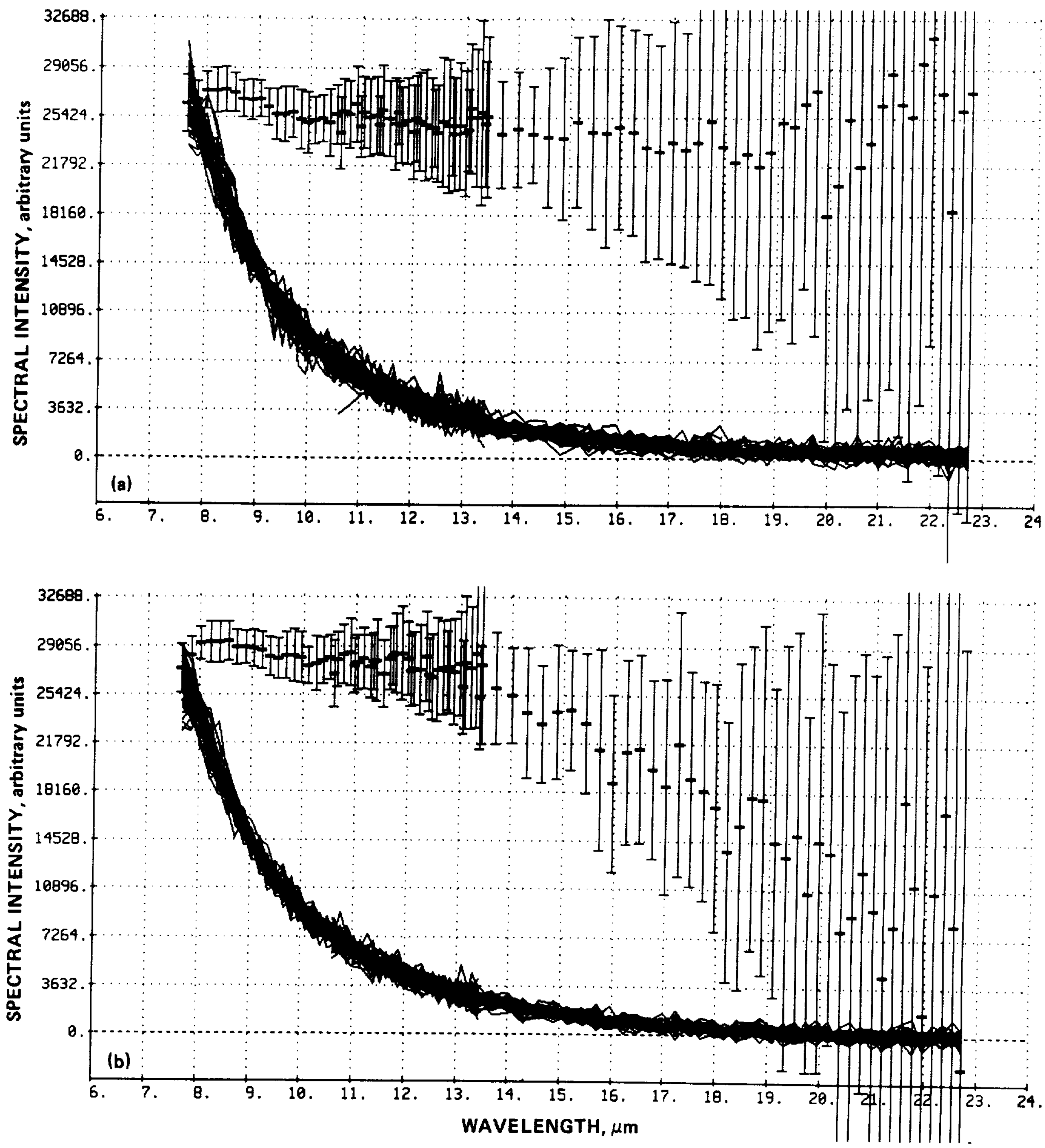


Figure 90.– Spectral Plots for Split of Class 24/δ1. (a) Subclass 24/δ1:0. (b) Subclass 24/δ1:1.

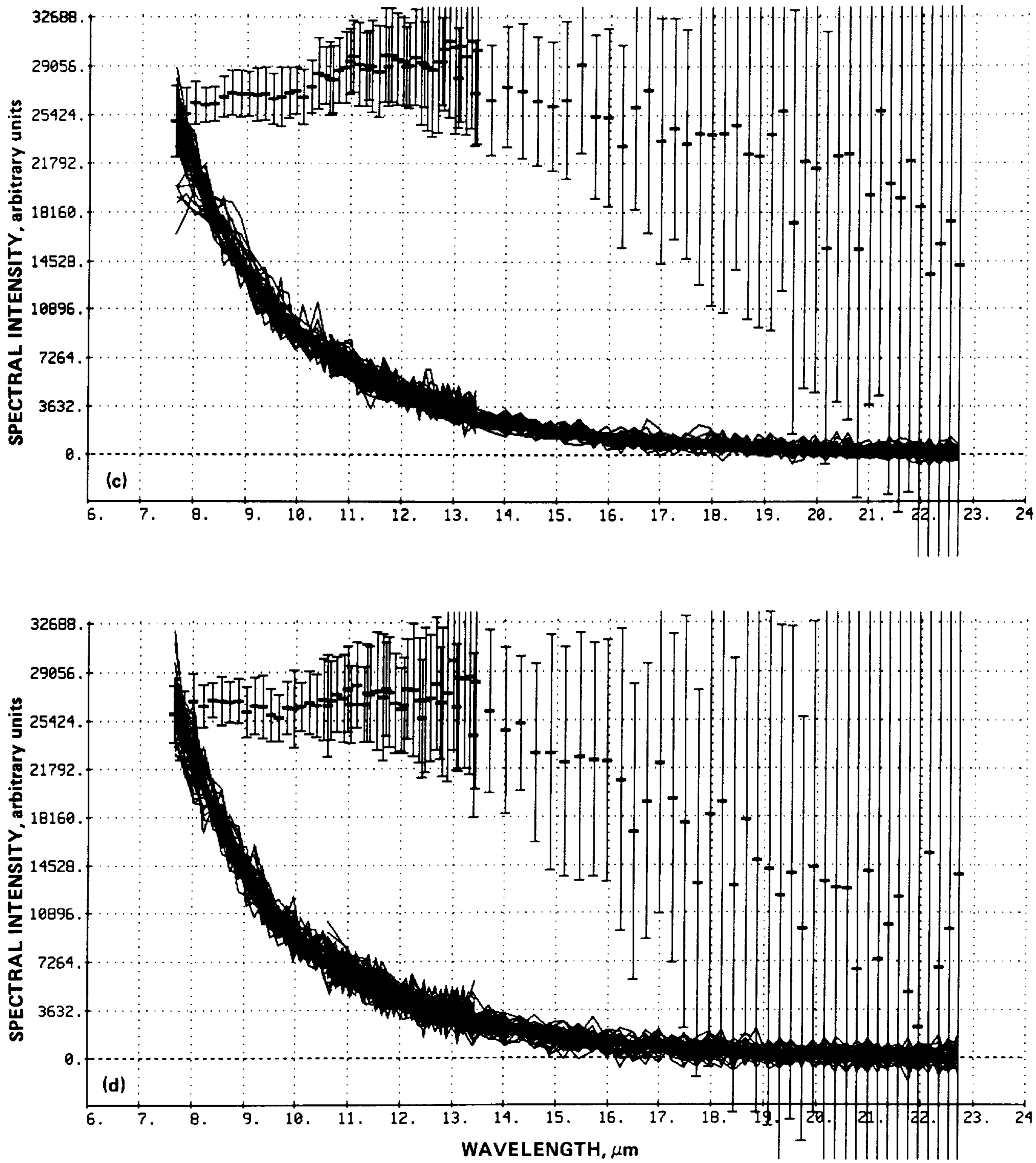


Figure 90.– Concluded. (c) Subclass 24/δ1:2. (d) Subclass 24/δ1:3.

Commentary for Split of Class 24/δ1

Subclasses: 4; Source count: 236; Source type: Featureless; S/N: High.

Many of the sources in this class are seriously affected by the calibration problems at the longer wavelengths, and the severity of this problem is used to define the subclasses. The problem grows worse from subclass 24/δ1:0, to subclass 24/δ1:2, to subclass 24/δ1:3, and is worst in subclass 24/δ1:1. Otherwise the groups seem very similar.

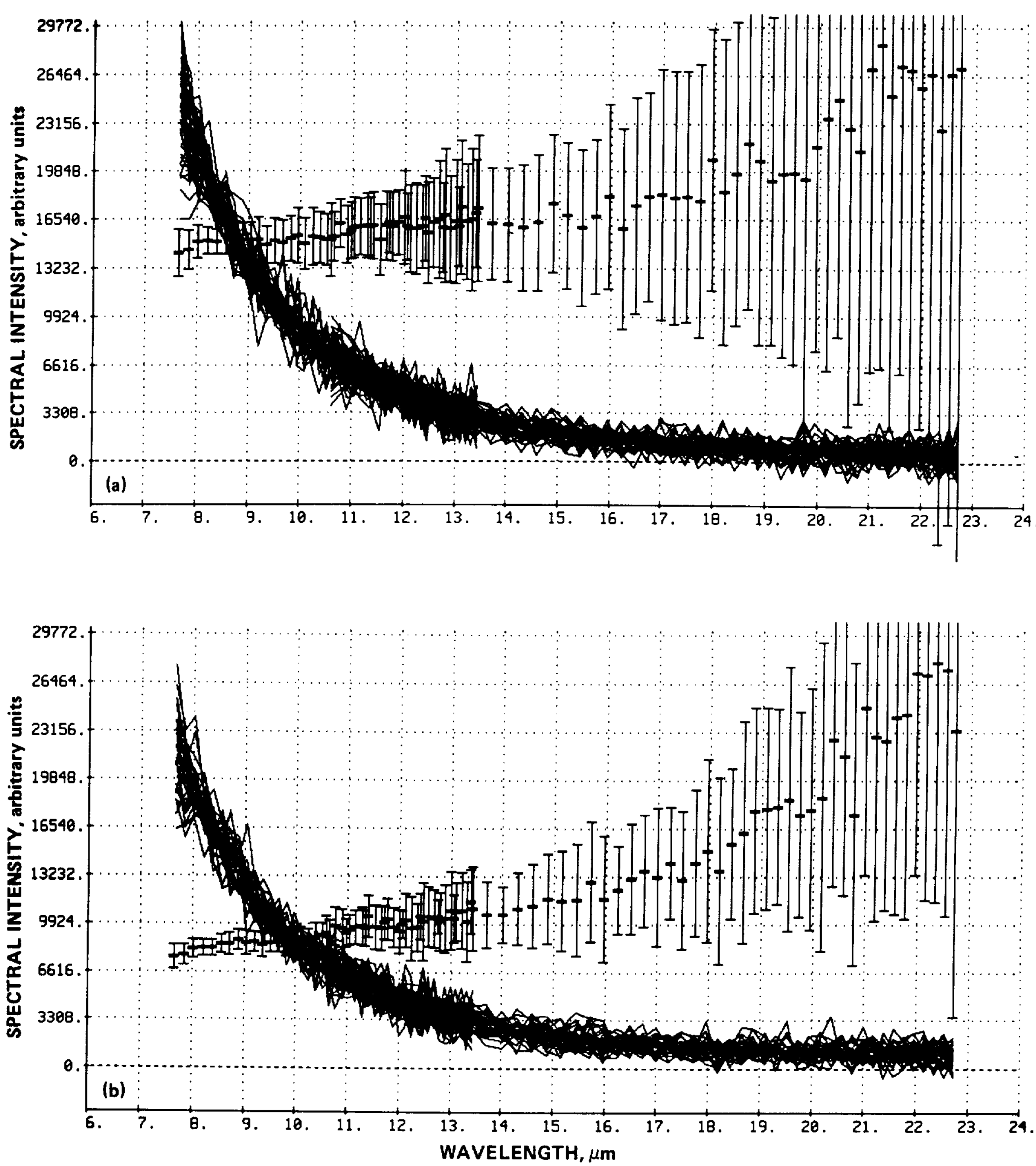


Figure 91.– Spectral Plots for Split of Class 31/δ8. (a) Subclass 31/δ8:0. (b) Subclass 31/δ8:1.

Commentary for Split of Class 31/δ8

Subclasses: 2; Source count: 137; Source type: Featureless; S/N: Noisy.

This class contains sources with a hot blackbody temperature, and excess flux at long wavelengths in the LRS spectra, beyond 16 μm. The excess in subclass 31/δ8:1 is statistically more significant than that in subclass 31/δ8:0, but the difference in excess could be caused by calibration problems in subclass 31/δ8:0. The LRS temperature of 31/δ8:0 is significantly higher than that for 31/δ8:1 and the colors of the two subclasses are different.

Subclass 31/δ8:0

This subclass has a smaller long wavelength excess than 31/δ8:1, and the [12]-[25] color is smaller, with only a few stars having values greater than 0.4 magnitudes. About half the stars in this subclass are in the Bright Star Catalogue (catalog number 15). The subclass contains γ *Cas (B0.5eIV)*, *R Sct (K0Iab)*, *VX And (C4,5)* which has strong gas bands, and *V865 Aql (S7,5)*. There are 11 *K* stars, one *A* star, and the rest are *M* stars (including *R Vir* and *V430 Ori*).

Subclass 31/δ8:1

This subclass has the larger long wavelength excess, and more sources have 100 μm fluxes (18%) than in subclass 31/δ8:0. The [12]-[25] mean color is redder: 0.37 magnitudes as opposed to less than 0.2 magnitudes for 31/δ8:0. This subclass contains fewer stars in the Bright Star Catalogue (around 14%), and the sources are mostly associated with stars of spectral type *M*. There are a few *K* stars in the subclass, including *DO 37910 (K5II)*. Other noteworthy stars in this subclass include γ *Vel, V644 Sco, LP Sct (M5)*, and *IRC 10465 (M7)*.

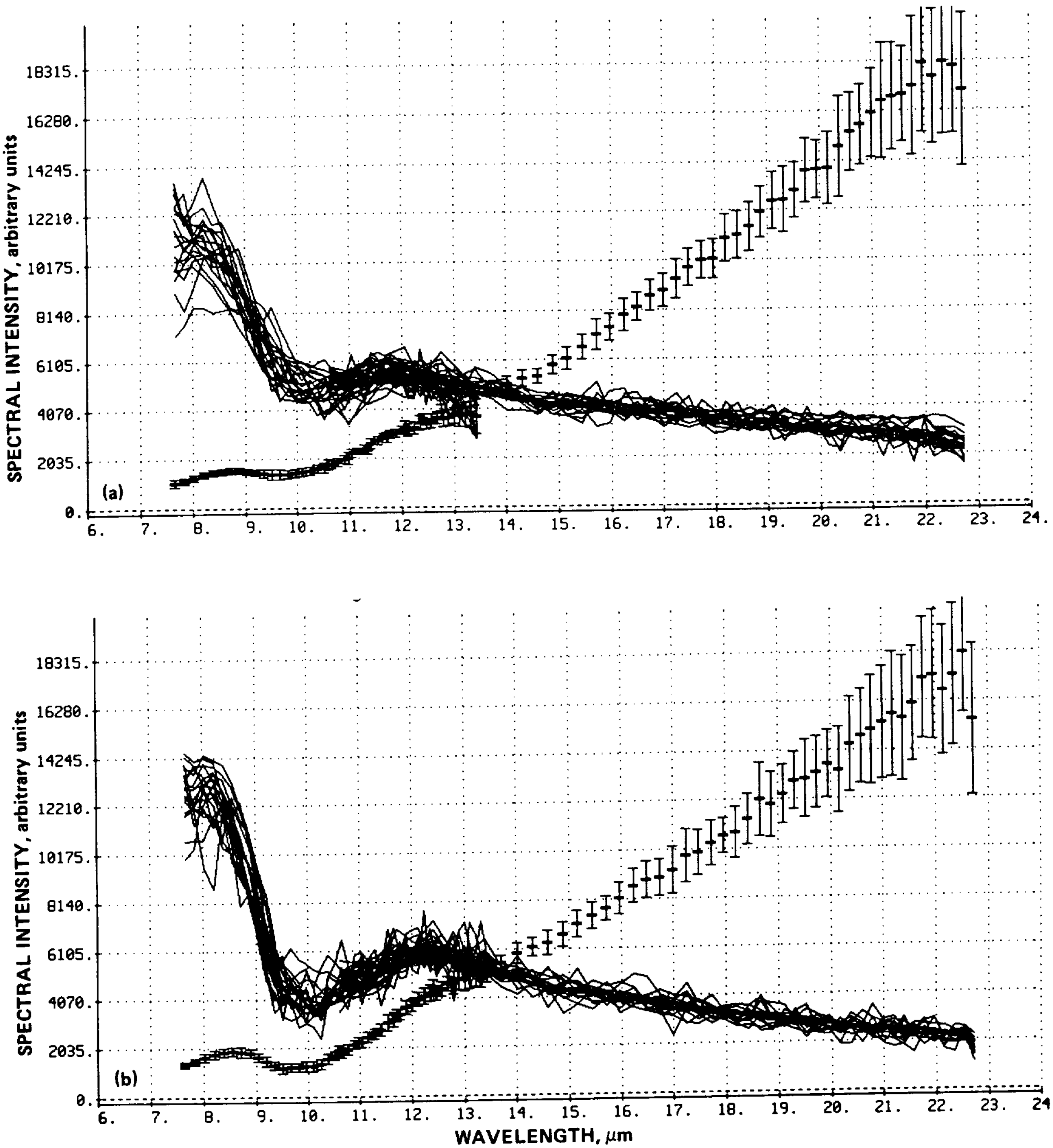


Figure 92.– Spectral Plots for Split of Class 36/ζ0. (a) Subclass 36/ζ0:0. (b) Subclass 36/ζ0:1.

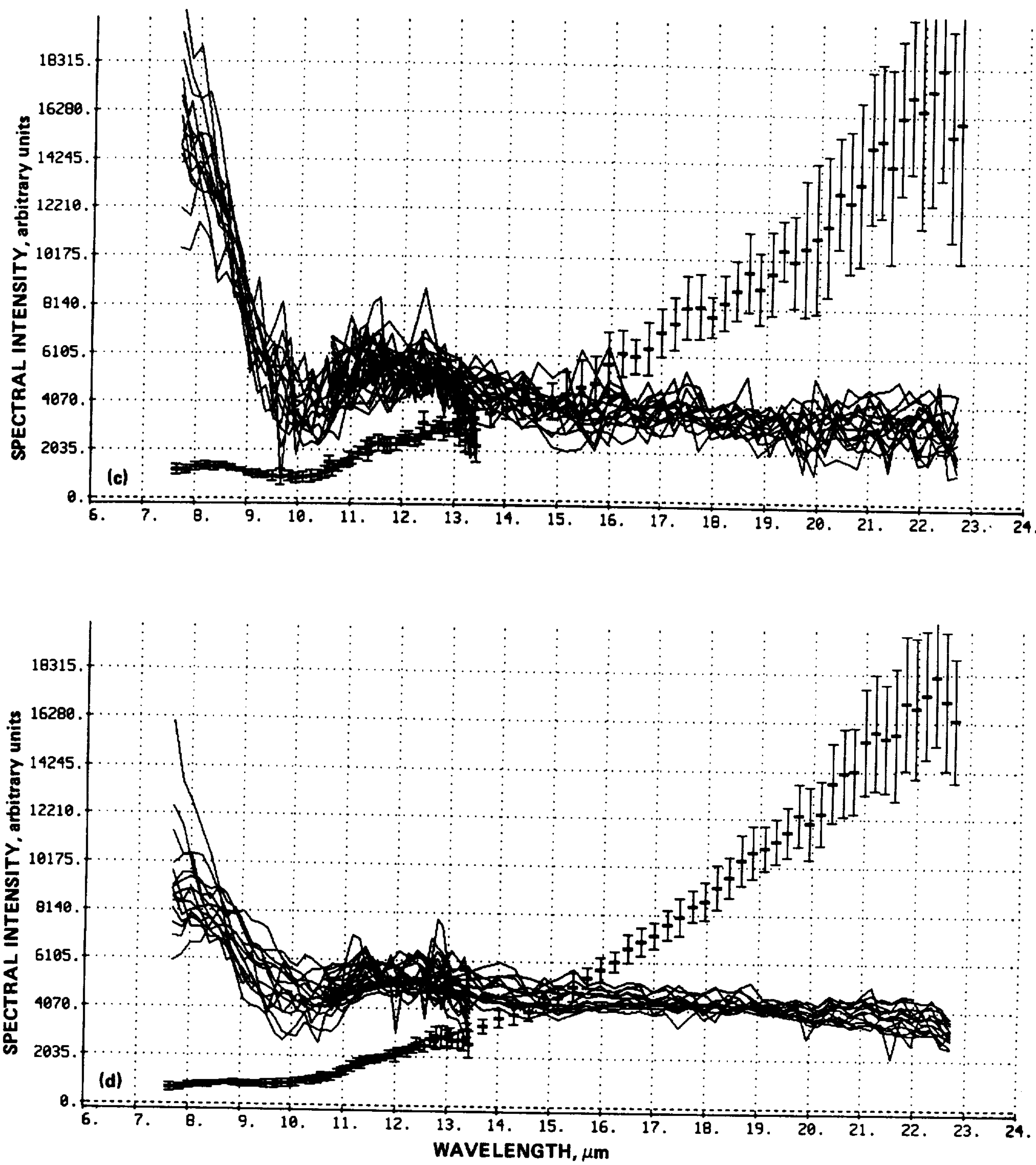


Figure 92.– Continued. (c) Subclass 36/ζ0:2. (d) Subclass 36/ζ0:3.

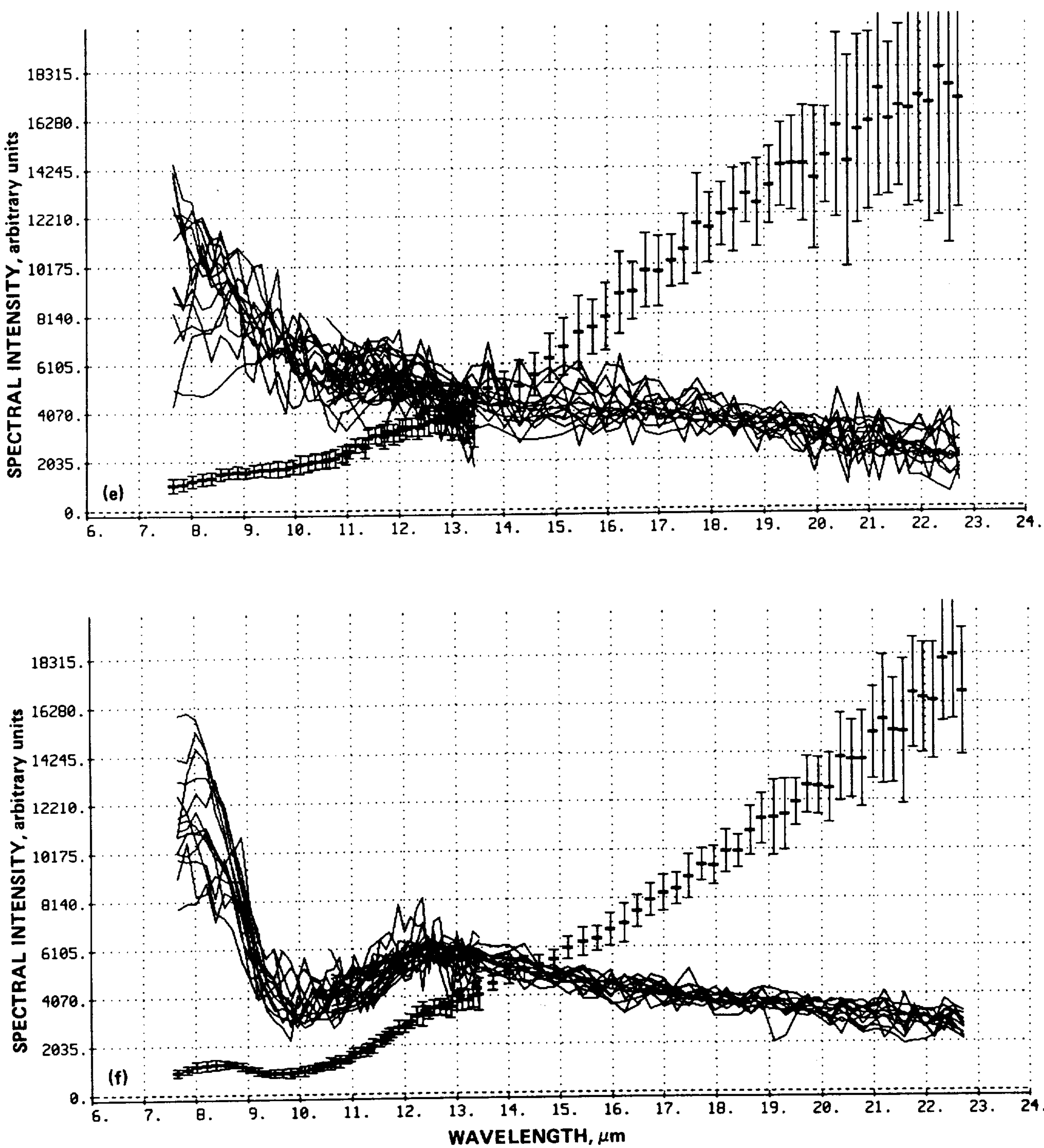


Figure 92.– Concluded. (e) Subclass 36/ζ0:4. (f) Subclass 36/ζ0:5.

Commentary for Split of Class 36/ζ0

Subclasses: 6; Source count: 98; Source type: Oxygen-rich/absorption; S/N: Noisy.

There are three distinct groups in this class, extreme *AGB* stars, *T Tauri* stars and reflection nebulae. The split classes separate the groups, and while not doing it completely, this is better than in the original classification scheme.

Subclass 36/ζ0:0

This subclass consists of *AGB* stars with 10 μm absorption.

Subclass 36/ζ0:1

This is a mixed subclass, with strong features from all three source types. *Z CMa* and *V645 Cyg* are in this subclass.

Subclass 36/ζ0:2

This subclass appears to contain sources with *PAH* features, mostly. The galaxies *NGC 253* and *NGC 1068* are in this subclass. Also present are *R Mon (A-Fpe)*, *HD 97048 (A0peShell)*, *S152*, and *MWC 922*.

Subclass 36/ζ0:3

This subclass contains sources with *PAH* features, but the strength of the feature in less than in subclass 36/ζ0:2.

Subclass 36/ζ0:4

This is a mixed subclass, with the sources having very weak features or no features at all. *V376 Cas (B-A)* is in this subclass.

Subclass 36/ζ0:5

This subclass contains mainly *AGB* stars, with strong 10 μm absorption features.

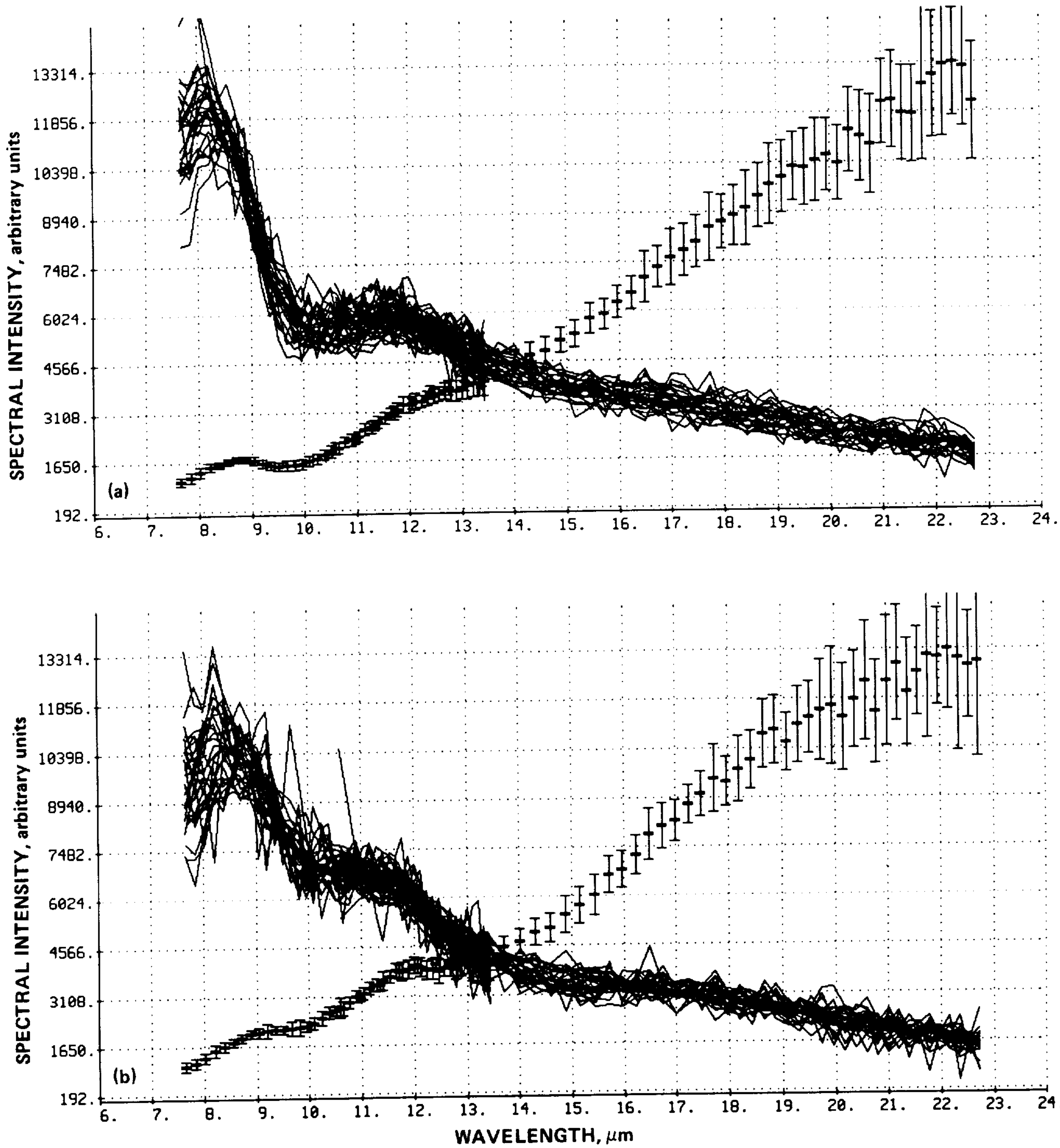
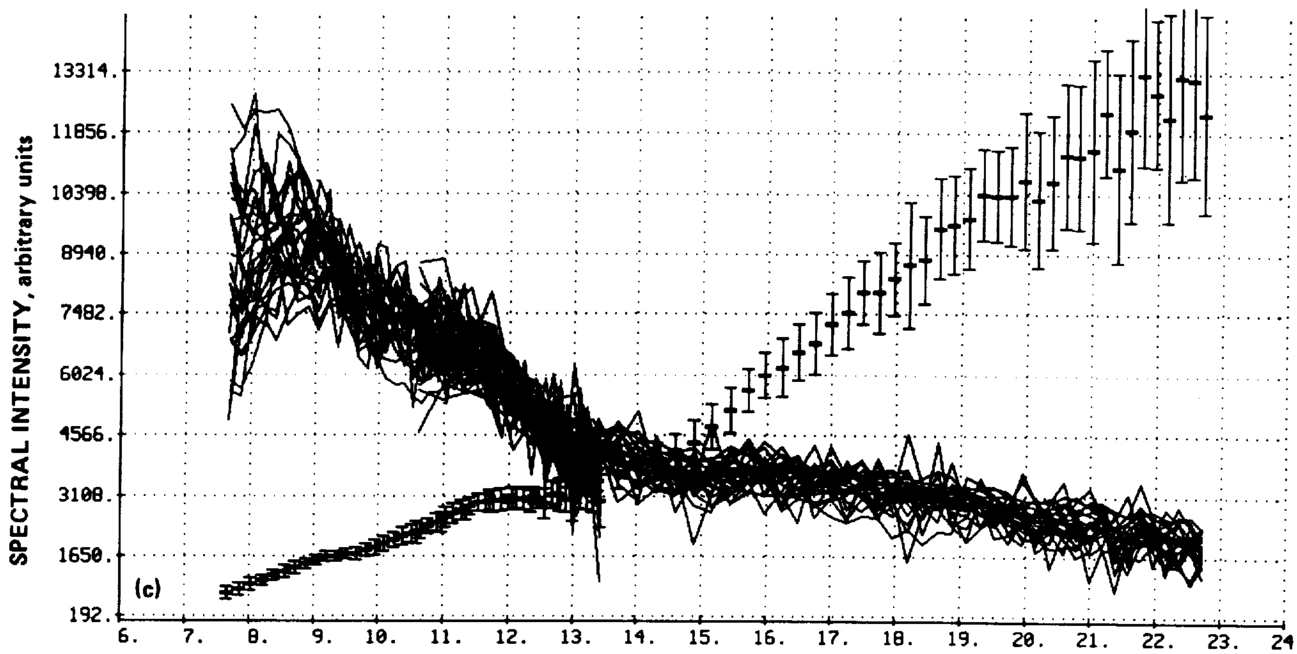


Figure 93.– Spectral Plots for Split of Class 40/ζ4. (a) Subclass 40/ζ4:0. (b) Subclass 40/ζ4:1.



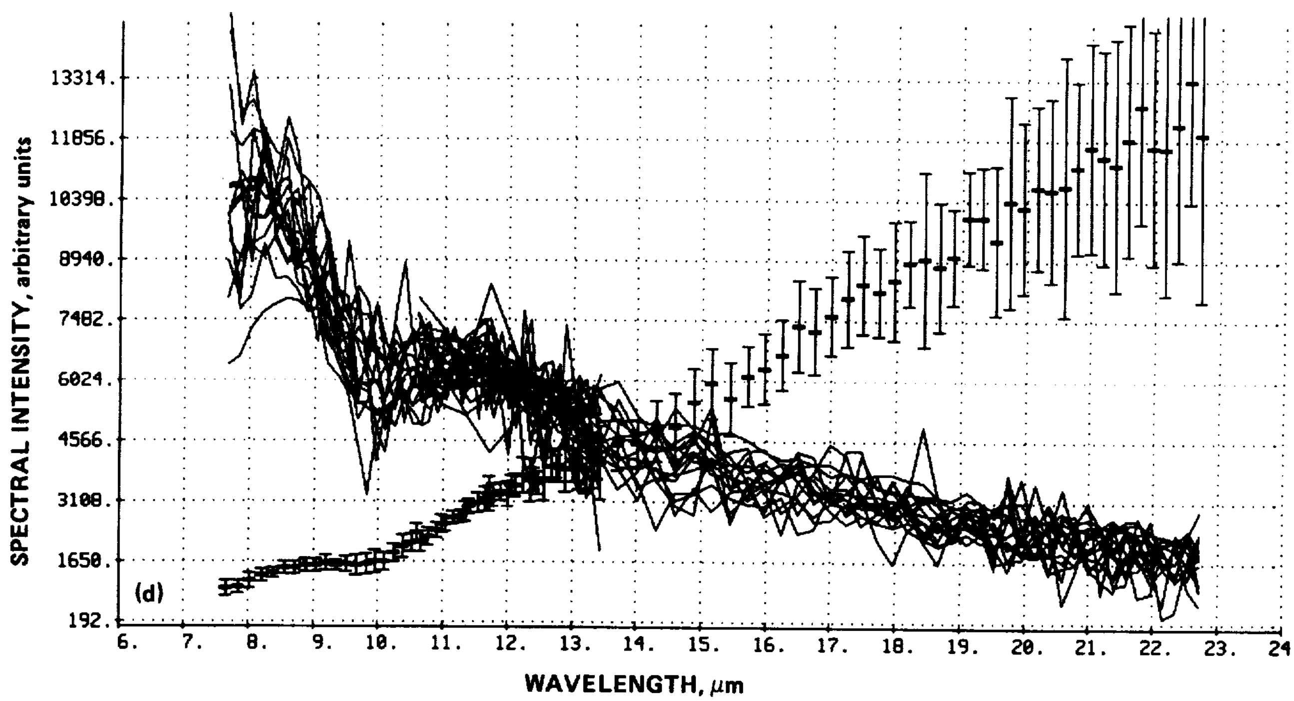


Figure 93.– Continued. (c) Subclass 40/ζ4:2. (d) Subclass 40/ζ4:3.

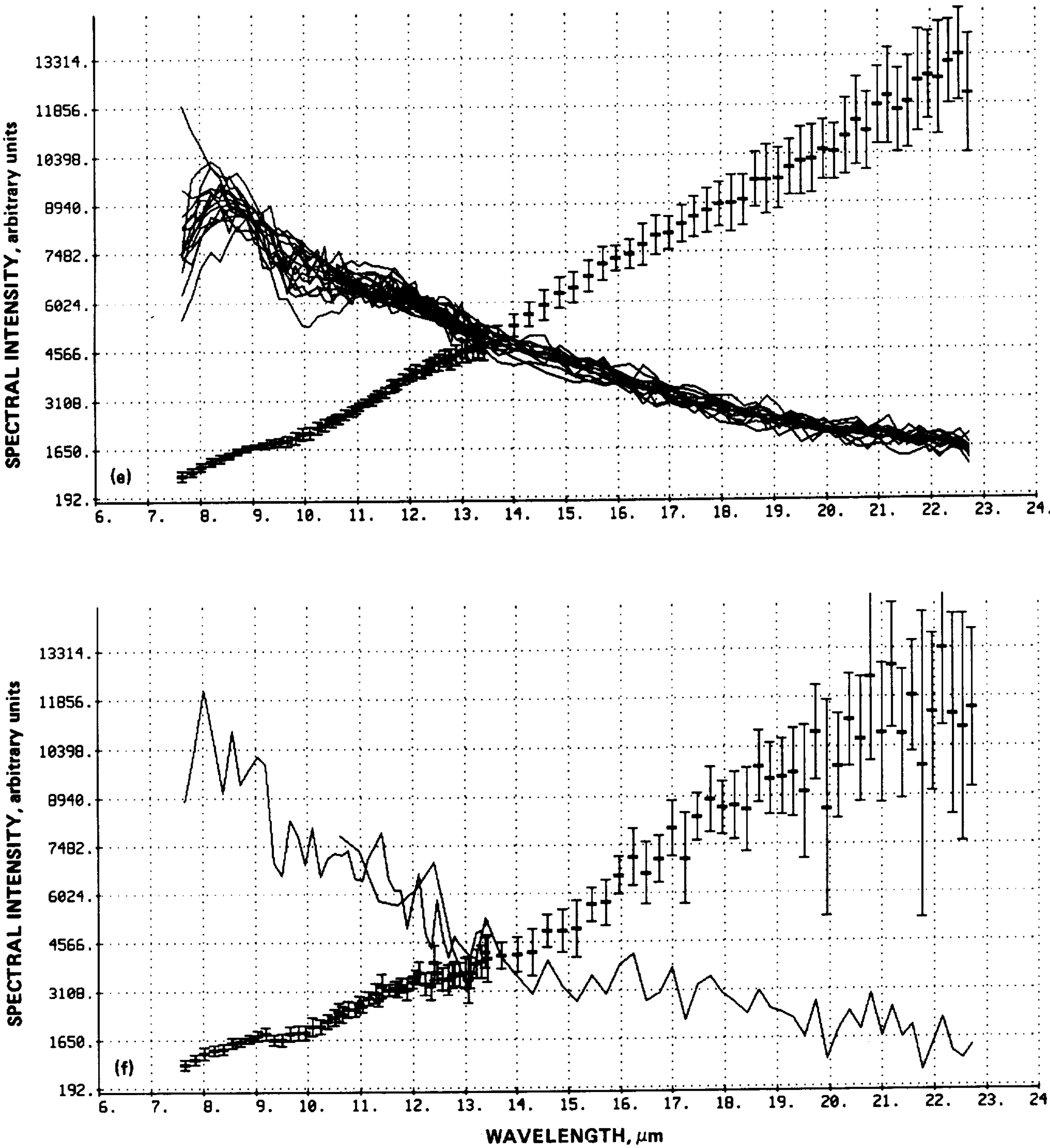


Figure 93.– Concluded. (e) Subclass 40/ζ4:4. (f) Subclass 40/ζ4:5.

Commentary for Split of Class 40/ζ4

Subclasses: 6; Source count: 121; Source type: Oxygen-rich/absorption*; S/N: High.

This class has a feature around 10 μm or 11 μm, which is due either to silicon carbide or a mildly self-absorbed silicate feature. In the original LRS Atlas, stars with this mild self-absorption feature were often classified as having the 11 μm feature of silicon carbide, due to the wavelength coincidence of the red wing of the silicate feature. Those stars preferentially fall into this class, and many of them are found in subclass 40/ζ4:1. Also found in this class are sources with an emission associated with *PAH*, usually *HII* regions and planetary nebulae. The subclasses can be arranged in order of 10 μm feature strength: 40/ζ4:0, 40/ζ4:2, 40/ζ4:1, 40/ζ4:4 and finally subclass 40/ζ4:3. Very few sources in this class have any association, most associations are to the RAFGL catalog (catalog number 3), and these are typically the brightest sources.

Subclass 40/ζ4:0

This subclass has absorption at 10 μm, and possibly at 14 μm. The spectra are fairly noisy. *SAO 86134 (F8)* is found in this subclass. Other interesting sources found here are *VY Mon, Hen781, GL4767S, GL2199 (M)*, and *LDN 988.*

Subclass 40/ζ4:1

This subclass is similar to subclass 40/ζ4:0, with absorption at 10 μm and possibly at 14 μm, but it has better S/N. *GL791 (M6)*, and *GL1992 (M)* are in this subclass.

Subclass 40/ζ4:2

This subclass has absorption at 10 μm, but none at 14 μm. This subclass may contain a few *T Tau* stars/reflection nebulae sources. *GL190 (C)* and *GL3068 (C)* are found in this subclass, also *LDN 1085* and *MRSL 344-01/1.*

Subclass 40/ζ4:3

This subclass has emission lines at 7.7 μm, 8.6 μm, and 11.3 μm. *HD 44179 (B8-A0eIII)* in the *Red Rectangle* is in this subclass, as are *GL5146S (E)*, *GL2362 (M)*, and *GL2374 (M)*.

Subclass 40/ζ4:4

This subclass has a very weak absorption feature around 14 μm. The planetary nebula *S201* is found in this subclass, as is *MWC 300 (GL2170)*.

Subclass 40/ζ4:5

This subclass has emission lines at 7.7 μm, 8.6 μm, and 11.3 μm, like subclass 40/ζ4:3, but these spectra are noisier. Notable sources in this subclass include *S172, DO5027*, and *LDN 0856.*

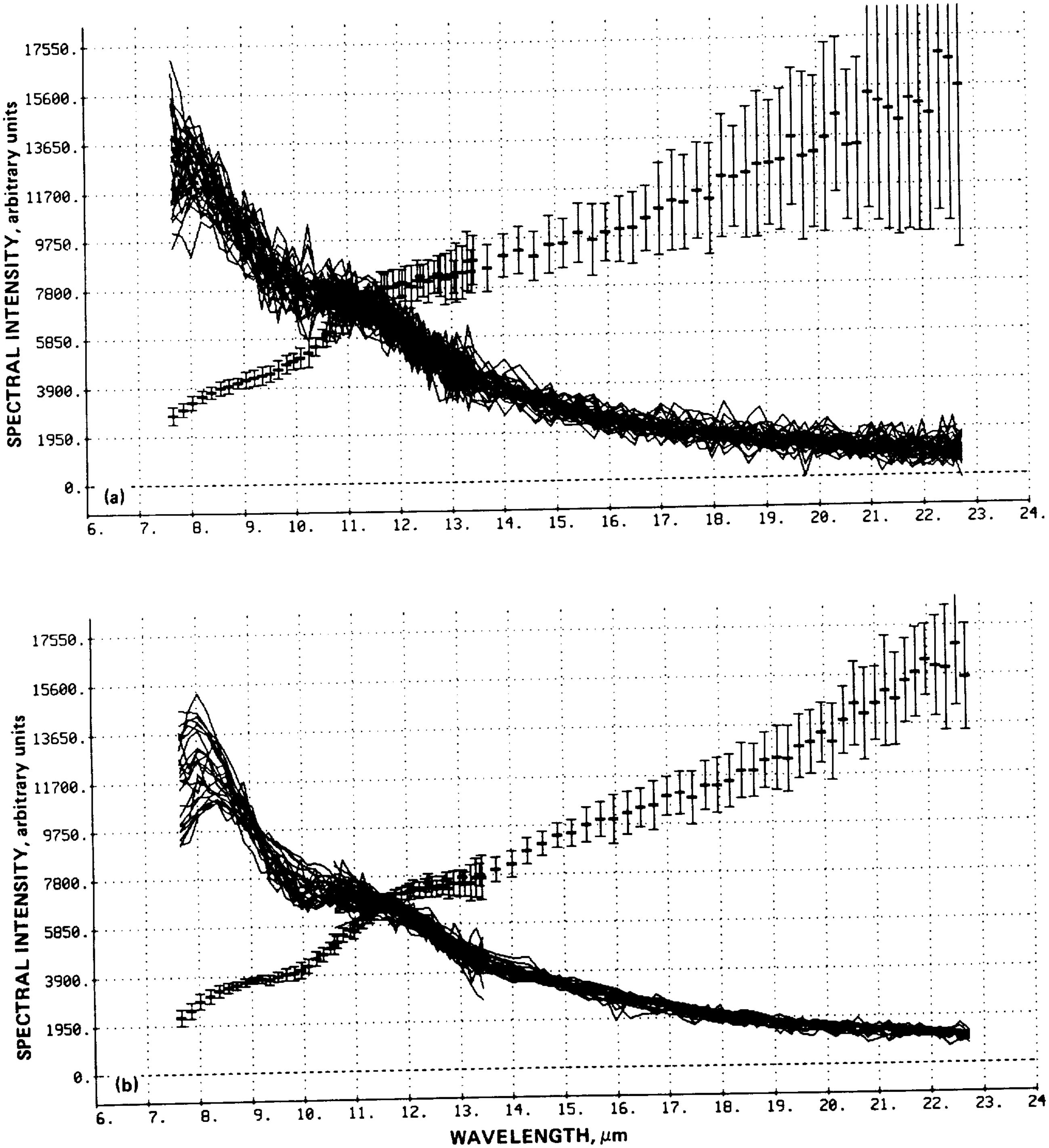
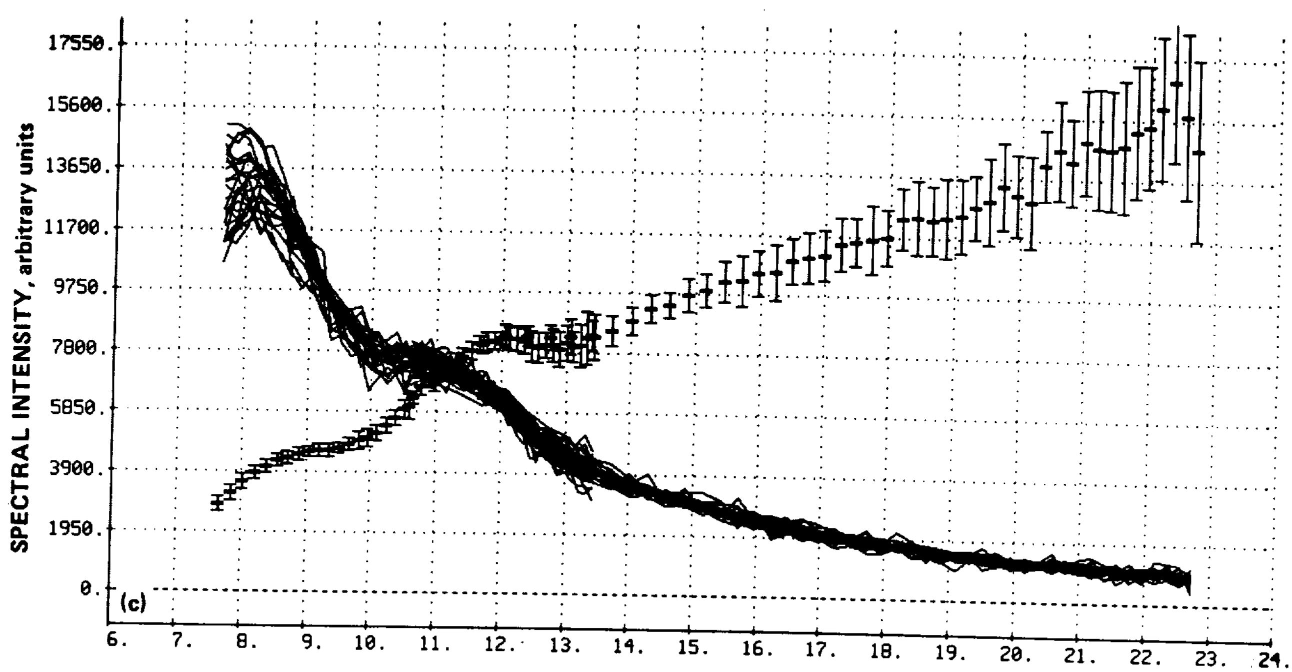


Figure 94.– Spectral Plots for Split of Class 64/λ20. (a) Subclass 64/αl20:0. (b) Subclass 64/λ20:1.



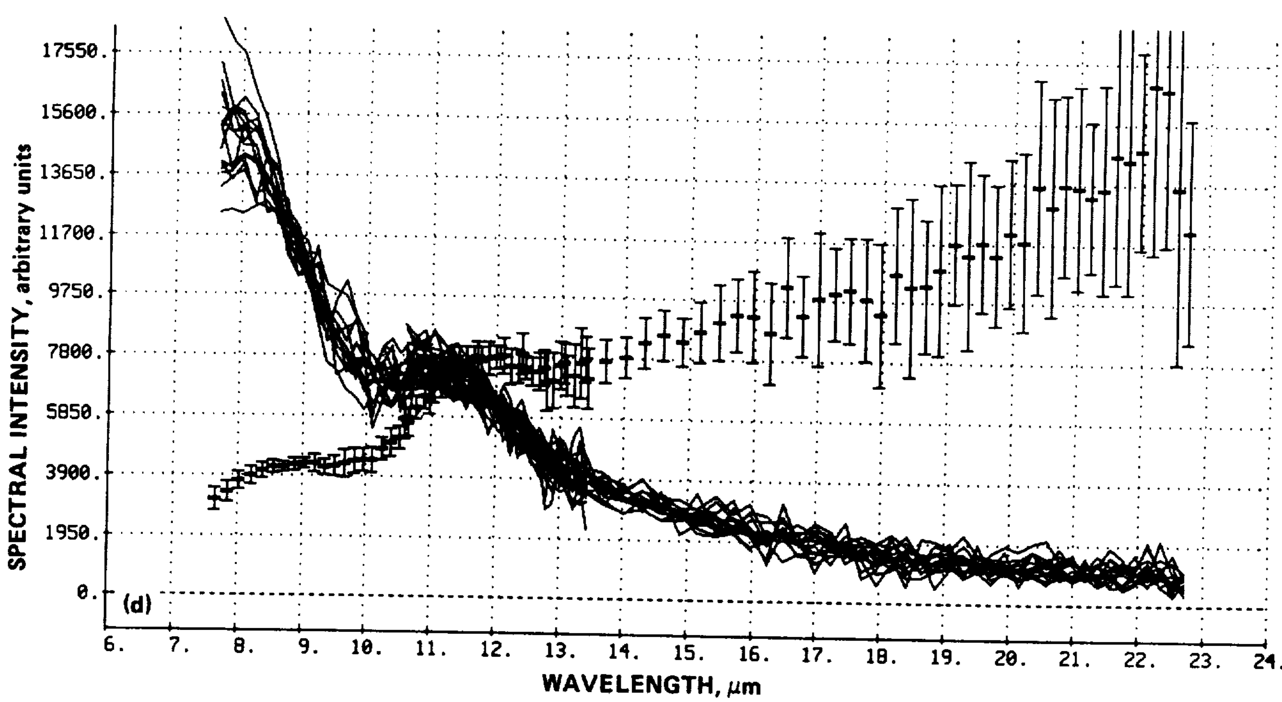


Figure 94.– Continued. (c) Subclass 64/λ20:2. (d) Subclass 64/λ20:3.

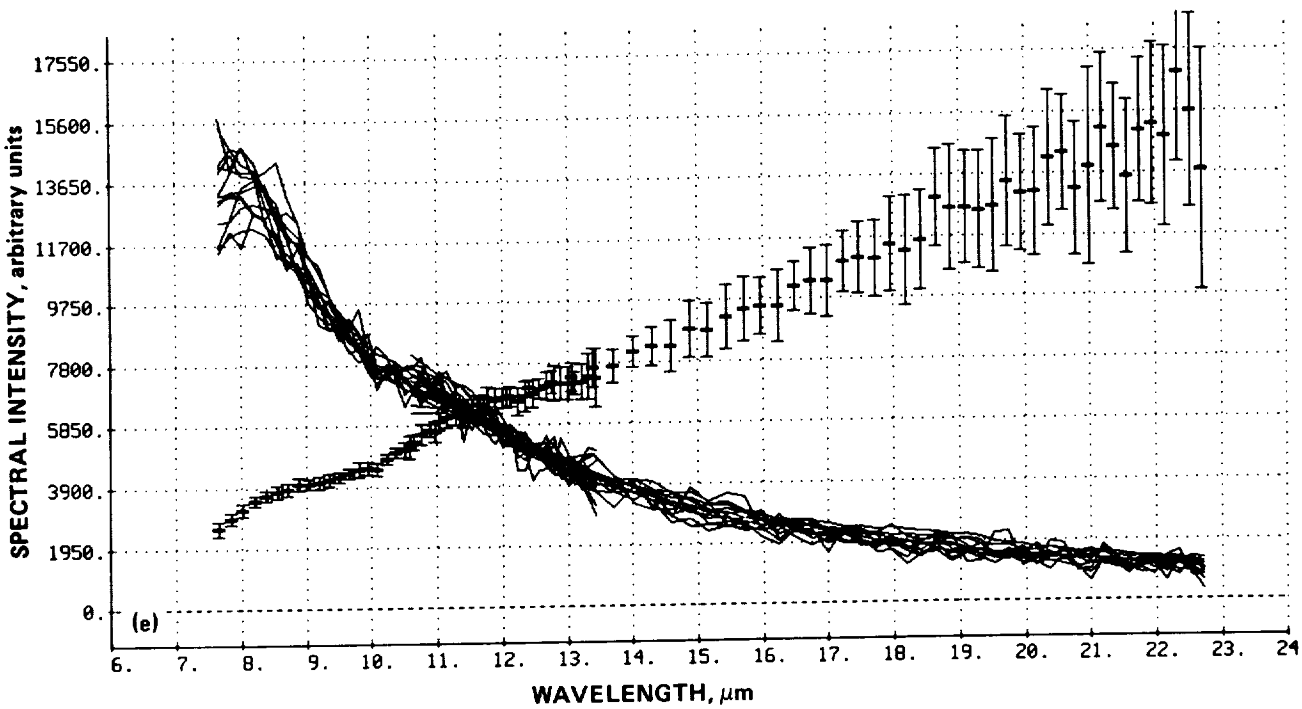


Figure 94.– Concluded. (e) Subclass 64/λ20:4.

Commentary for Split of Class 64/λ20

Subclasses: 5; Source count: 121; Source type: Carbon-rich*; S/N: High.

This class is characterized by mild 10 μm absorption or 11 μm emission, so that the class is a mixture of carbon-rich and oxygen-rich sources. Subclasses 64/λ20:0 and 64/λ20:4 contain *M* stars, while subclasses 64/λ20:1 and 64/λ20:2 contain *C* stars. Subclass 64/λ20:3 is a mixed subclass.

Subclass 64/λ20:0

This subclass shows 10 μm absorption and 11 μm emission features. All the associations are to *M* type stars.

Subclass 64/λ20:1

This subclass shows 10 μm absorption and 11 μm emission features, and an apparent excess at wavelengths greater than 20 μm. The subclass contains many RAFGL (catalog number 3) associations. *NGC 6400 (GL5369)*, an open cluster, is found in this subclass, as is *IRC+10 216 (CW Leo)*, a carbon-rich star.

Subclass 64/λ20:2

This subclass shows 10 μm absorption and 11 μm emission features. There are a variety of spectral types present, but the group is surprisingly tight in its characteristics. Notable sources include *GL5102, GL809 (C), GL2494 (C)*, and *DO16793 (M2V)*.

Subclass 64/λ20:3

This subclass contains both 10 μm absorption and 11 μm emission spectra. There is possibly a rise in flux density beyond 18 μm, which is consistent with the derived [12]-[25] colors. Only two sources are associated in this subclass: *V2548 Sgr (M3)* and *GL2699 (C)*.

Subclass 64/λ20:4

This subclass has a mild absorption feature at 10 μm. The subclass contains *MWC 349*, a source believed to have a viscous disk.

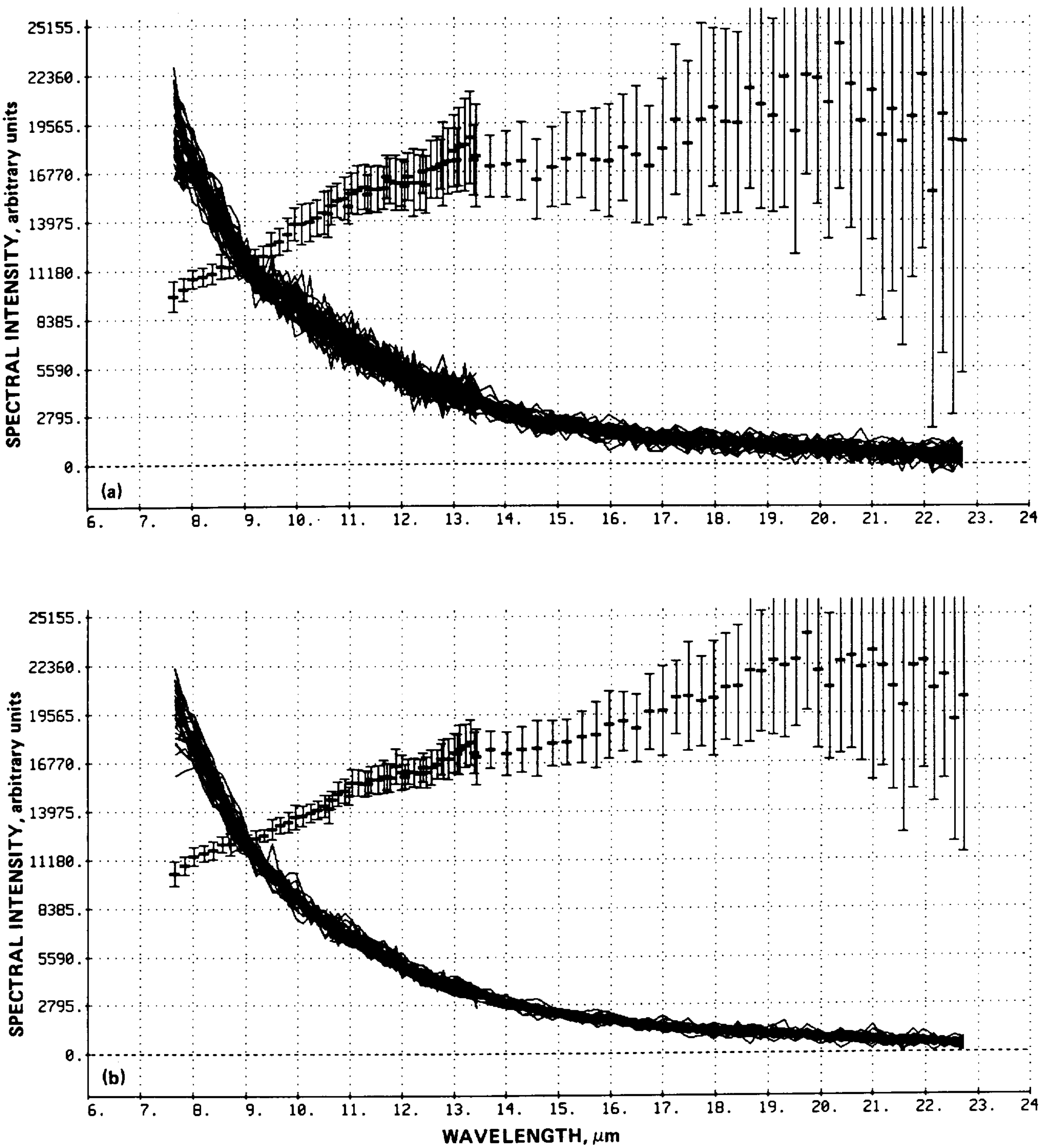


Figure 95.– Spectral Plots for Split of Class 69/λ25. (a) Subclass 69/λ25:0. (b) Subclass 69/λ25:1.

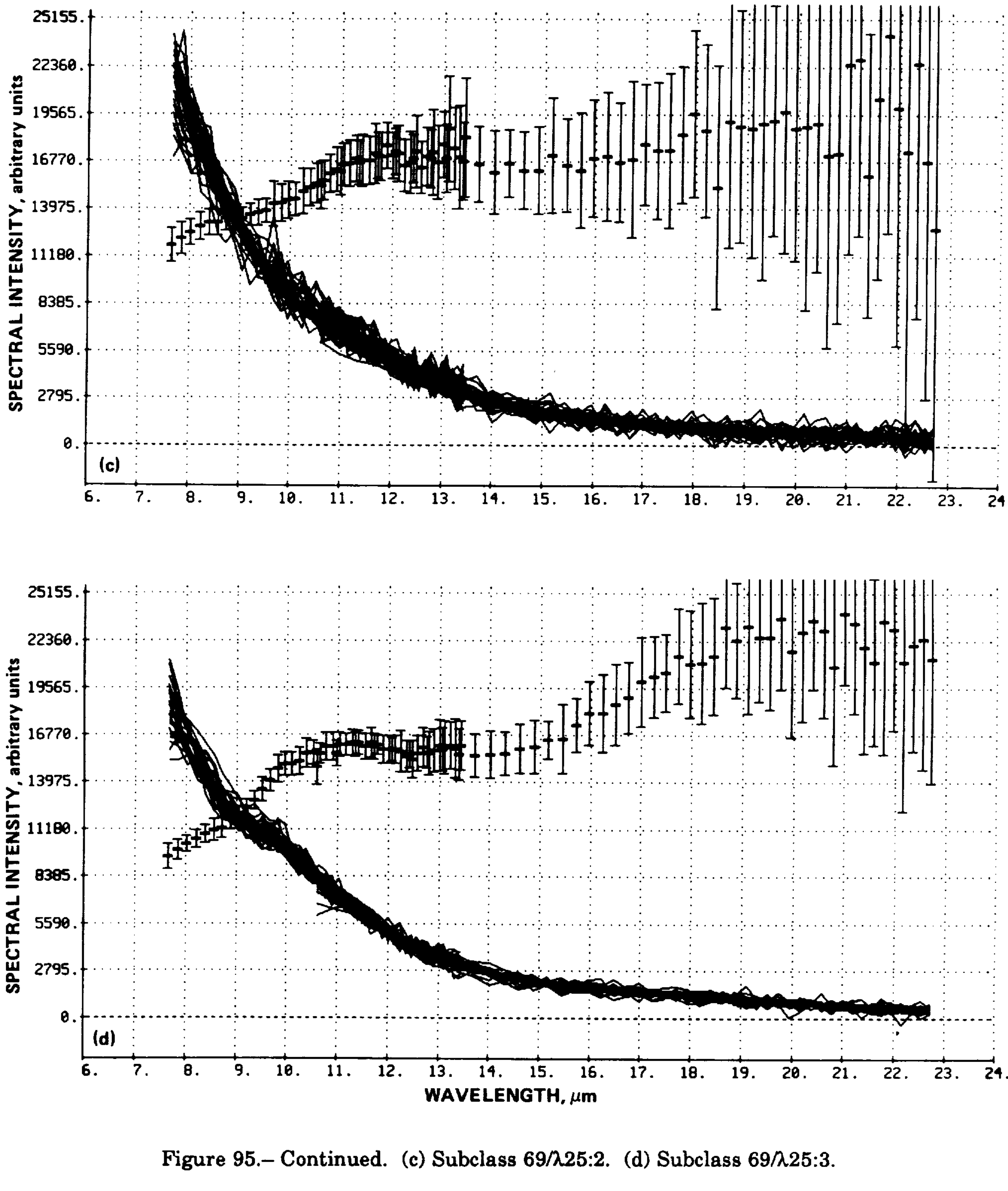


Figure 95.– Continued. (c) Subclass 69/λ25:2. (d) Subclass 69/λ25:3.

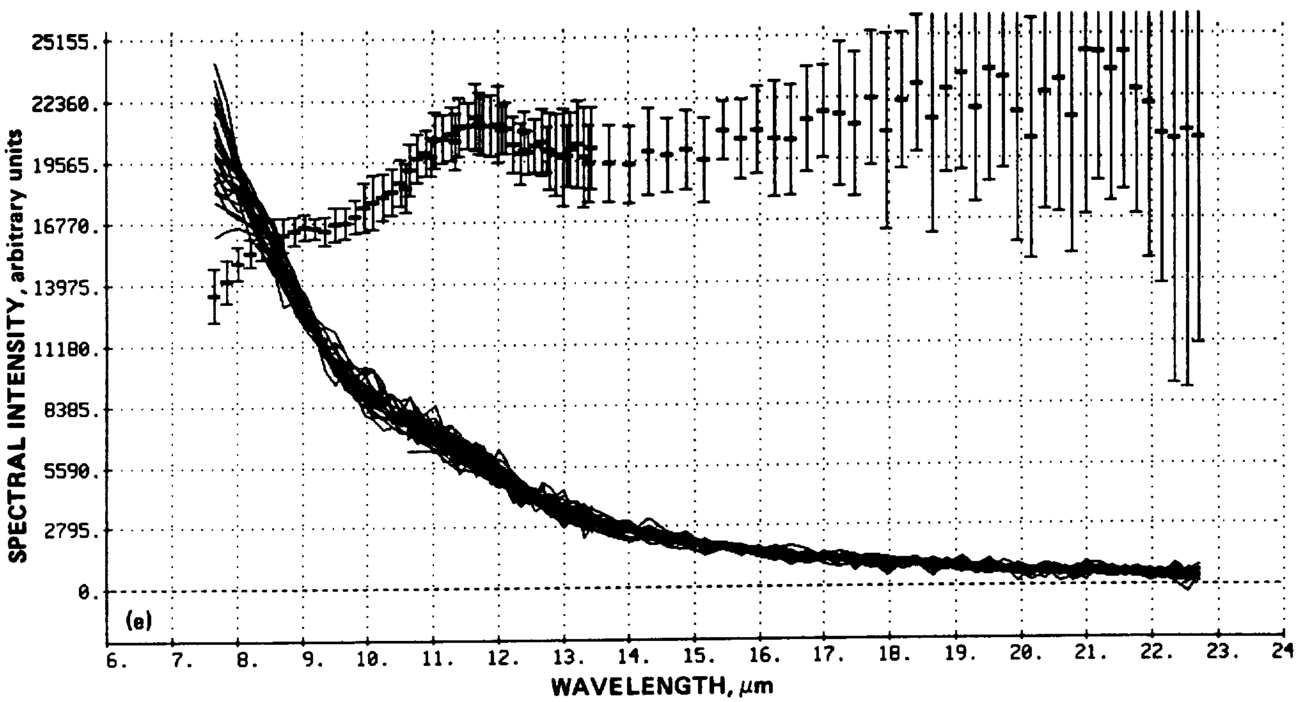


Figure 95.– Concluded. (e) Subclass 69/λ25:4.

Commentary for Split of Class 69/λ25

Subclasses: 5; Source count: 179; Source type: Oxygen-rich/emission D*; S/N: High.

This class is characterized by having very weak emission features at 11 μm, 13 μm, and 20 μm, with the LRS continuum possibly rising at longer wavelengths, suggestive of stars with circumstellar dust. Subclasses 69/λ25:0 and 69/λ25:1 differ only in S/N, with 69/λ25:0 being the noisier. They have a turn-down at the red end of the spectrum, and weak 20 μm emission (not a calibration problem). The associations in this class are dominated by *M5-6* spectral types, but there are some *F, G,* and *K* stars present, with a significant number of *S* and *C* stars.

Subclass 69/λ25:0

This subclass has weak emissions at 11 μm, 13 μm, and 20 μm; it is similar to subclass 69/λ25:1, but somewhat cooler and noisier. This is mainly an *M* star subclass, but γ *Phe (K5)*, *11 And (K0III)*, and *EP Vul (S8,7)* are in this subclass. Also present is *T Crt*.

Subclass 69/λ25:1

There is no strong 10 μm emission feature in this subclass, but there may be weak features at 11 μm, 13 μm and 20 μm. This is a predominantly oxygen- rich subclass, but the two brightest *R CrB* stars are found here: *R CrB (F8IaPec)* and *RY Sgr (G0ePec)*. Apart from these associations, the stars are mostly *M5-6*; notable stars include *30 Her* and *W Cyg*.

Subclass 69/λ25:2

This subclass may have very weak 10 μm or 11 μm emission. It is a very noisy group of sources, and a very mixed group judging by their associations. The predominant spectral type is *M5*. *W Hya, R Sgr* and *Y Ori* are in this subclass. There are also some carbon stars in the subclass, e.g. *TT Tau (C7,4)* and *HR Lyr (7,4)*. Also included are *S* stars, e.g. *R Lyn (S3,9e), SU Mon (S3,6)* and *AA Cyg (S7,5)*.

Subclass 69/λ25:3

These sources have stronger 10 μm and 18 μm features, since they are cooler than subclass 69/λ25:1. Again the spectral types of associated stars are mostly *M5-6*. Some notable exceptions in this subclass are *Cit 6 (CE), W And (S8,2e)*, and *ST Sgr (S6,4e)*. *RX Lep* is also found in this subclass.

Subclass 69/λ25:4

This subclass contains spectra with emission around 11.5 μm, and possibly spectra with 10 μm and 14 μm absorption. This is basically a carbon star subclass, but there are a surprising number of *M* stars present. The *M* stars include *V Boo (M6e), DO15828 (M7), IN Cyg (M6.5III), DO 38210 (M7)* and *FI Vul (M7)*. Also present in the subclass are o^1 *CMa (K2Iab), ST Cam*, and *Y CVn*.

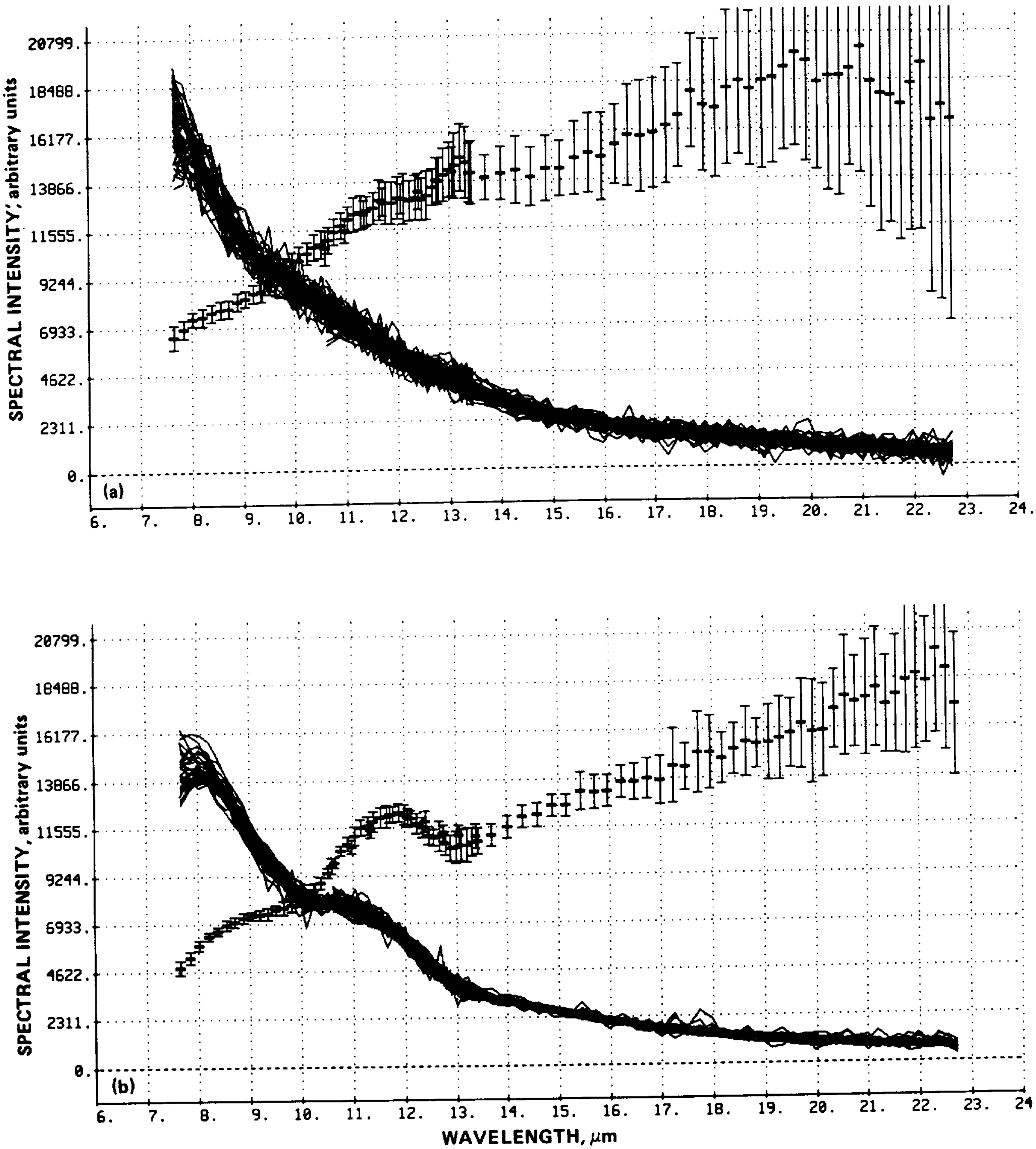


Figure 96.– Spectral Plots for Split of Class 74/λ30. (a) Subclass 74/λ30:0. (b) Subclass 74/λ30:1.

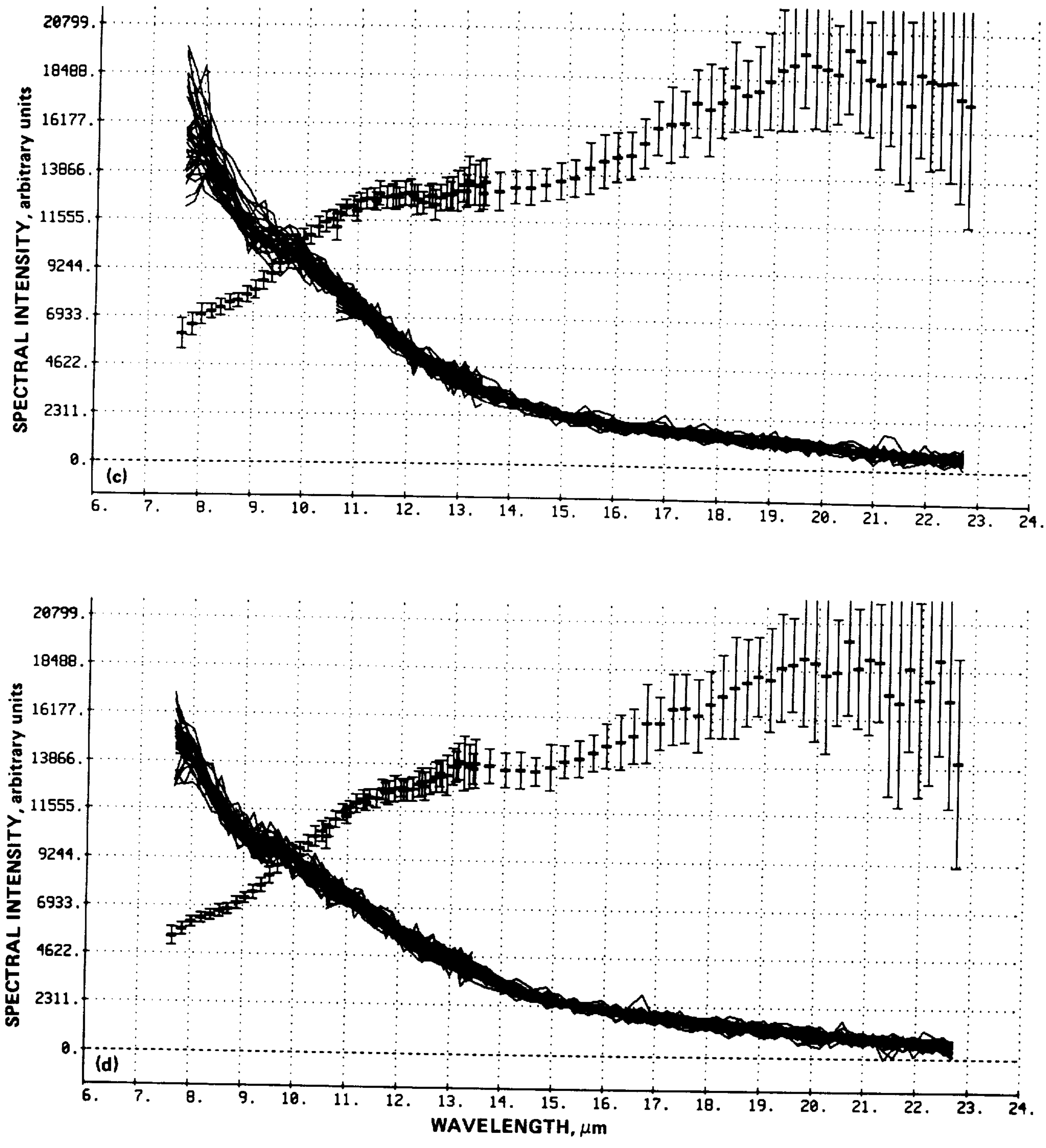
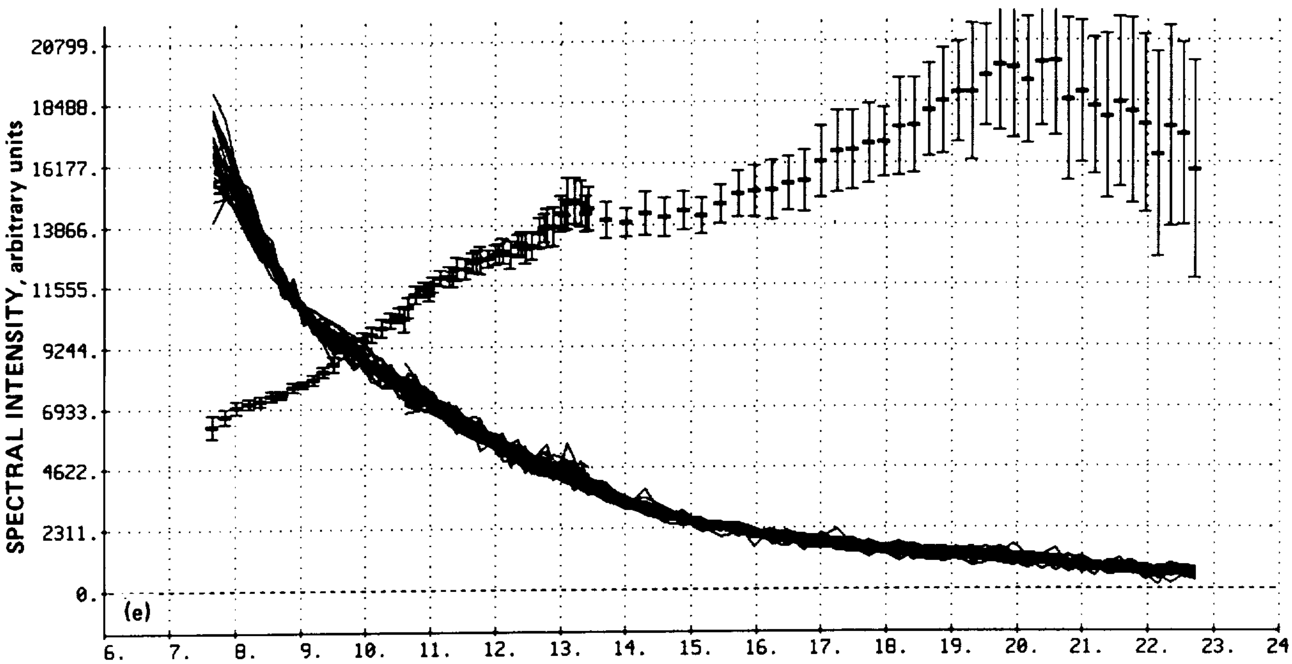


Figure 96.– Continued. (c) Subclass 74/λ30:2. (d) Subclass 74/λ30:3.



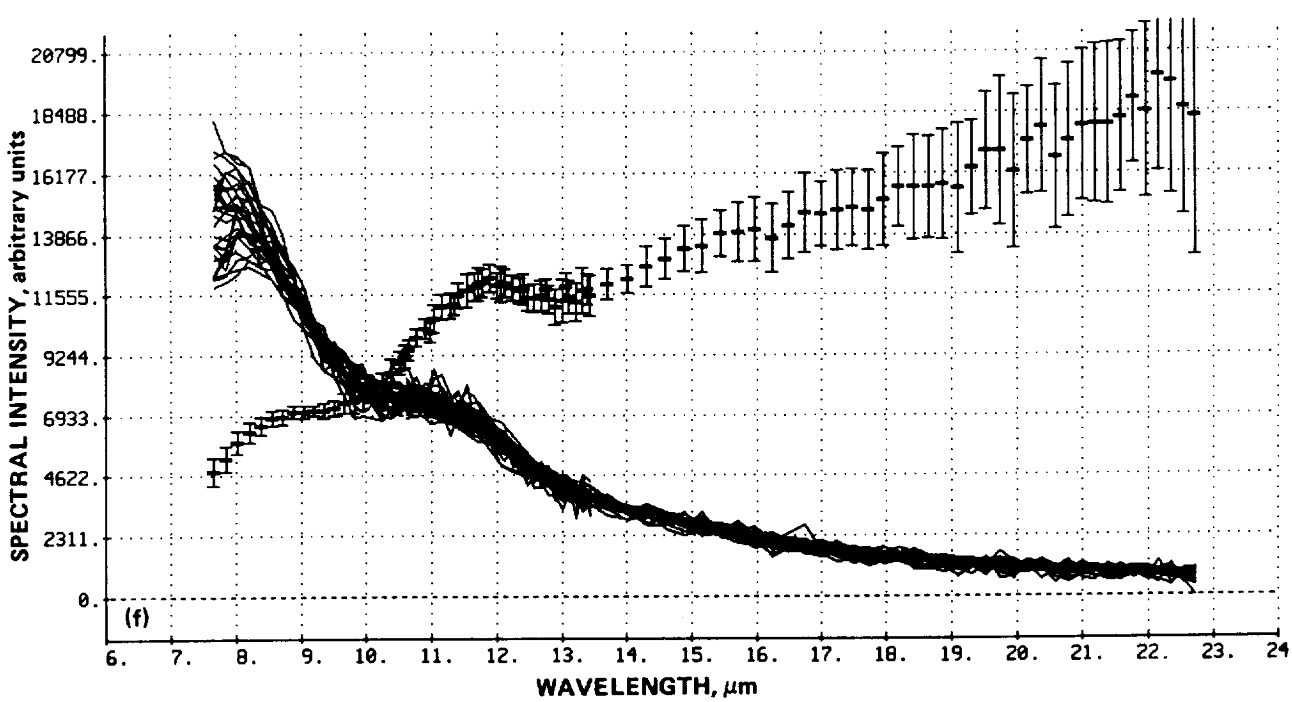


Figure 96.– Continued. (e) Subclass 74/λ30:4. (f) Subclass 74/λ30:5.

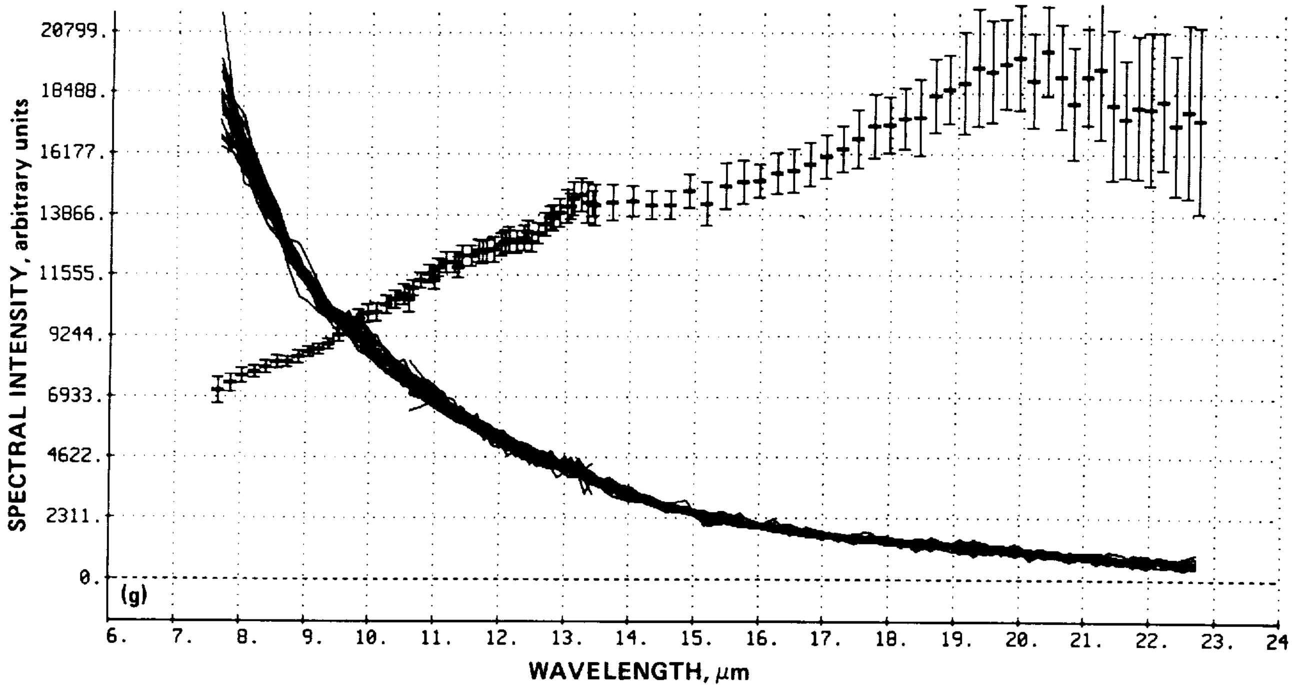


Figure 96.– Concluded. (g) Subclass 74/λ30:6.

Commentary for Split of Class 74/λ30

Subclasses: 7; Source count: 273; Source type: Oxygen-rich/emission D*; S/N: Very high.

This class has emission features at 13 μm, 20 μm, and weakly at 10 μm. The class is expected to be an oxygen-rich class, but subclasses 74/λ30:1 and 74/λ30:5 show emission around 11 μm, similar to subclasses 0/α0:3 and 0/α0:4. Obviously temperature effects have influenced the formation of the original class. Subclass 74/λ30:6 is the hottest subclass, subclass 74/λ30:3 the coolest, with subclasses 74/λ30:4, 74/λ30:2 and 74/λ30:0 having similar temperatures. Subclasses 74/λ30:1 and 74/λ30:5 are confined to the galactic plane.

Subclass 74/λ30:0

This subclass has the suggestion of a weak feature in the spectrum, around 13 μm.

Subclass 74/λ30:1

This subclass shows weak emission around 11 μm, and possibly at 13 μm. This subclass is cooler than 74/λ30:0. The sources are mostly carbon stars, with only RAFGL (catalog number 3) associations. *IRC+40 540 (M8)* and *GL971 (M5)* are in this subclass.

Subclass 74/λ30:2

This subclass shows emission features around 10 μm, 13 μm, and 20 μm. The 10 μm feature is stronger here than in subclass 74/λ30:4. This subclass may also contain sources with weak 11 μm features and 60 μm excess fluxes.

Subclass 74/λ30:3

This subclass shows emission features around 11 μm, 13 μm, and 20 μm, but here the 13 μm is more prominent than in subclasses 74/λ30:0 and 74/λ30:2.

Subclass 74/λ30:4

This subclass is mostly *M7eIII stars*, with no carbon stars. *ST Sco (S4,1)* is found in this subclass. Also present are *Y UMa, S UMi* and *R UMi.*

Subclass 74/λ30:5

This subclass appears to have the 11 μm emission feature due to silicon carbide, and so is probably a carbon star subclass. There are very few associations to visible sources. *V477 Mon (M1)* is in this subclass.

Subclass 74/λ30:6

This subclass is similar to subclass 74/λ30:4, but the feature at 20 μm is more developed. The associated spectral types are also slightly earlier than 74/λ30:4, being *M6e*. Several notable stars are found in this subclass: R *Hya, X Oph, T Mic, S Ori* and *T Cep.*

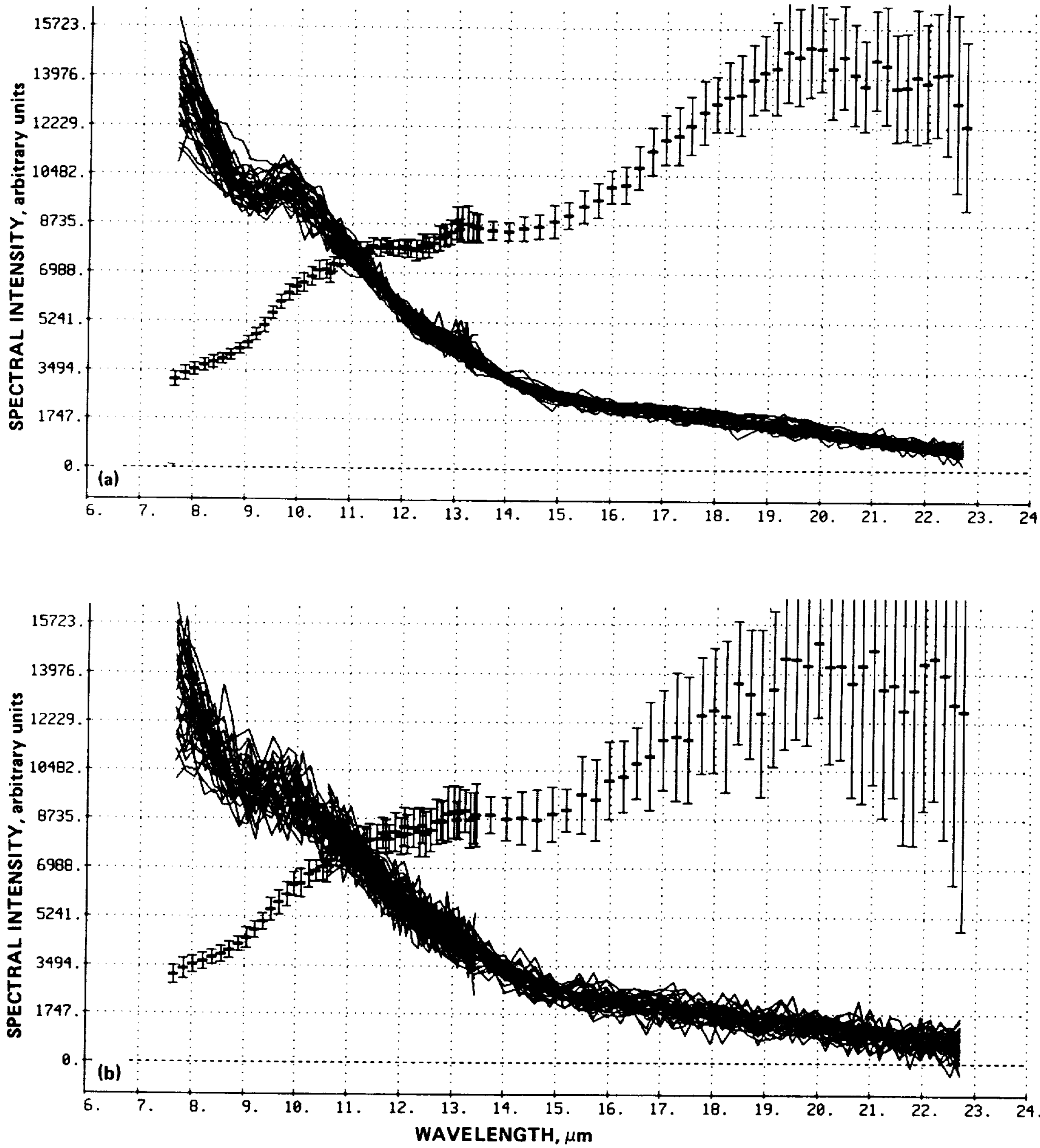


Figure 97.– Spectral Plots for Split of Class 78/λ34. (a) Subclass 78/λ34:0. (b) Subclass 78/λ34:1.

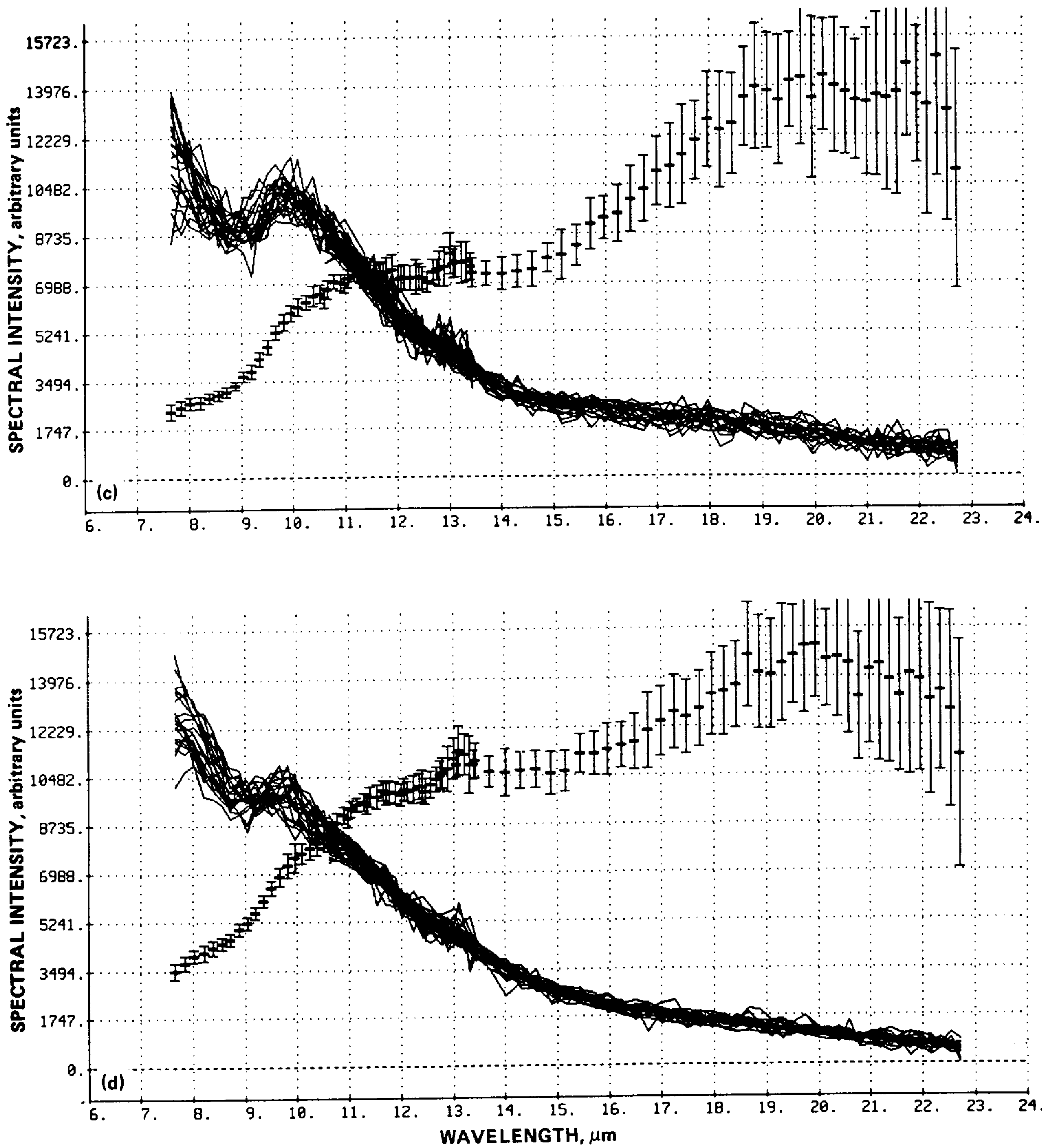


Figure 97.– Continued. (c) Subclass 78/λ34:2. (d) Subclass 78/λ34:3.

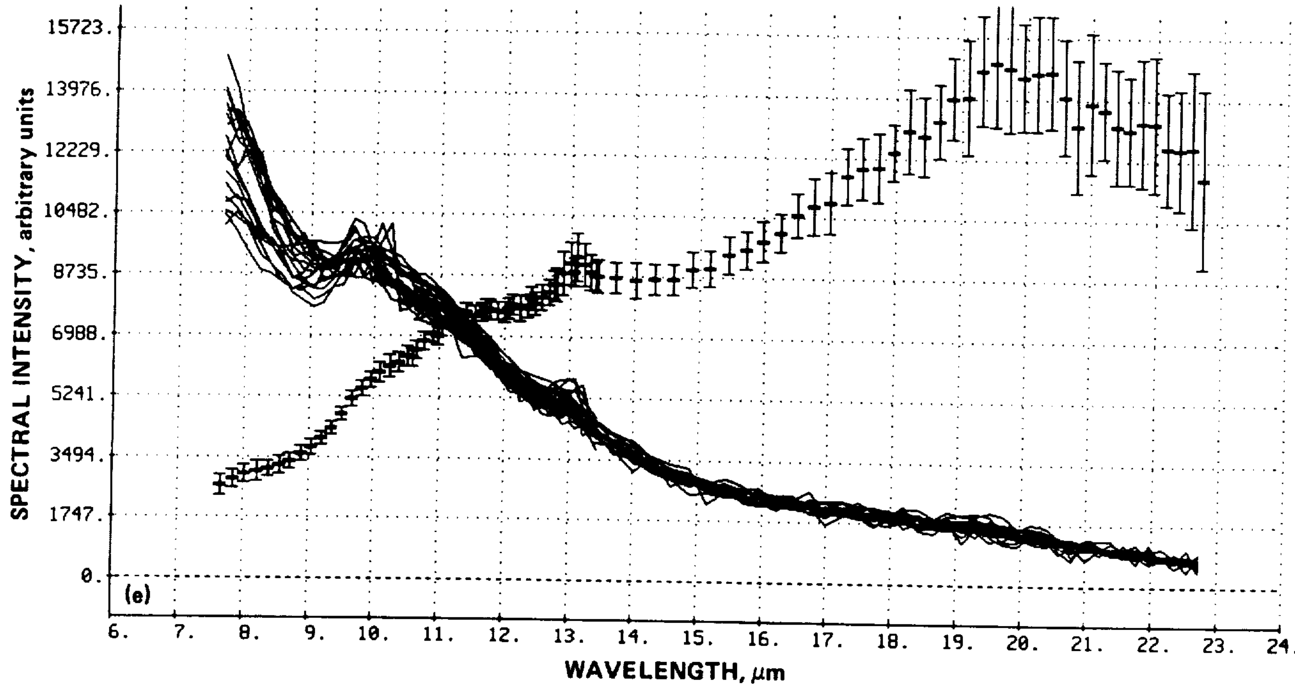


Figure 97.– Concluded. (e) Subclass 78/λ34:4.

Commentary for Split of Class 78/λ34

Subclasses: 5; Source count: 139; Source type: Oxygen-rich/emission D; S/N: High.

The strength of the 10 µm feature is used to create the various subclasses. Some subclasses have stronger features than others, a sequence in order of decreasing strength is subclasses 78/λ34:2, 78/λ34:3, 78/λ34:4, 78/λ34:0 and 78/λ34:1. Subclass 78/λ34:5 has an unusually strong 20 µm feature. Subclass 78/λ34:1 is noisier than the other subclasses and is more confined to the galactic plane. The feature strength is not related to the colors in these subclasses.

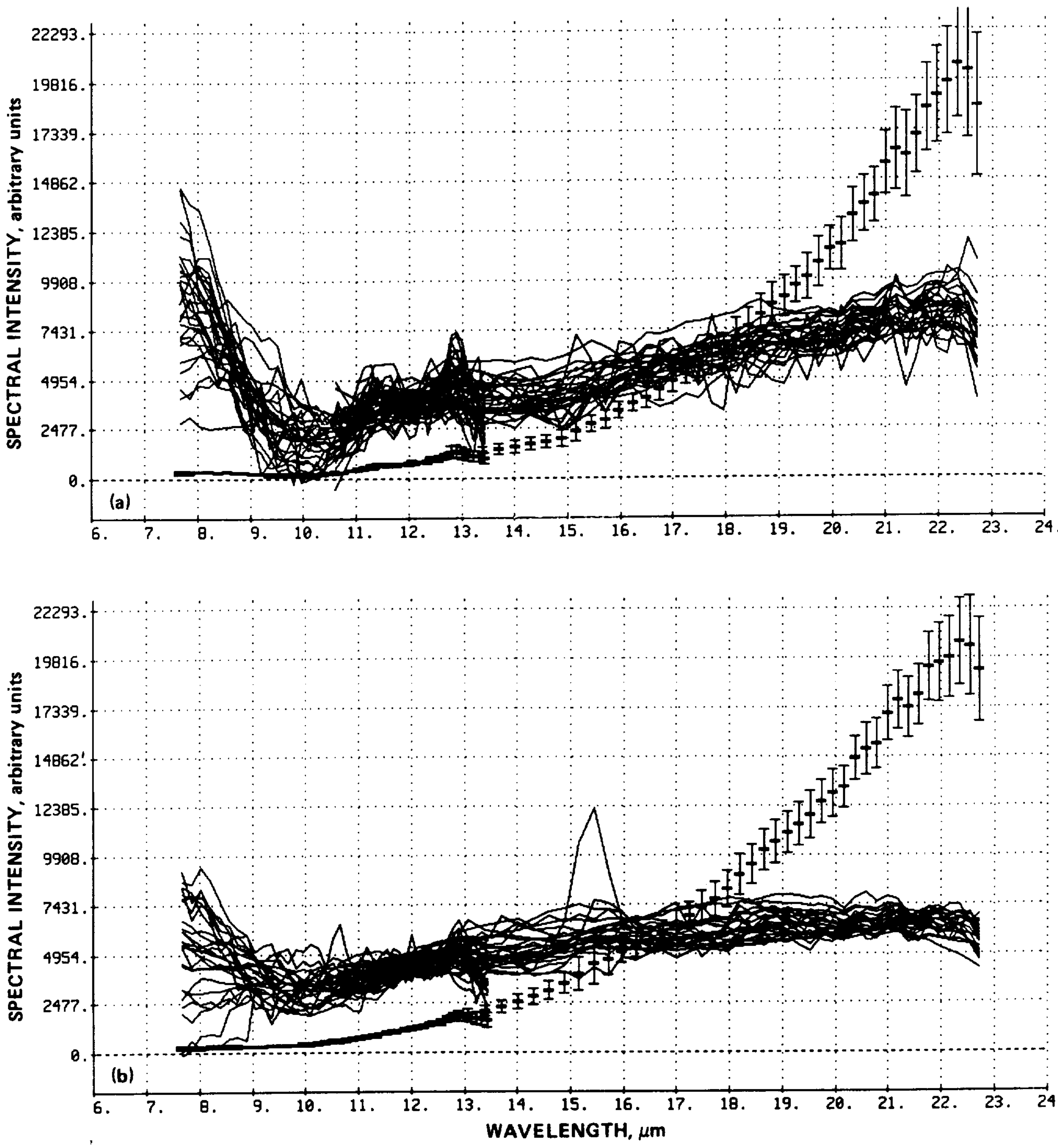


Figure 98.– Spectral Plots for Split of Class 21/γ0. (a) Subclass 21/γ0:0. (b) Subclass 21/γ0:1.

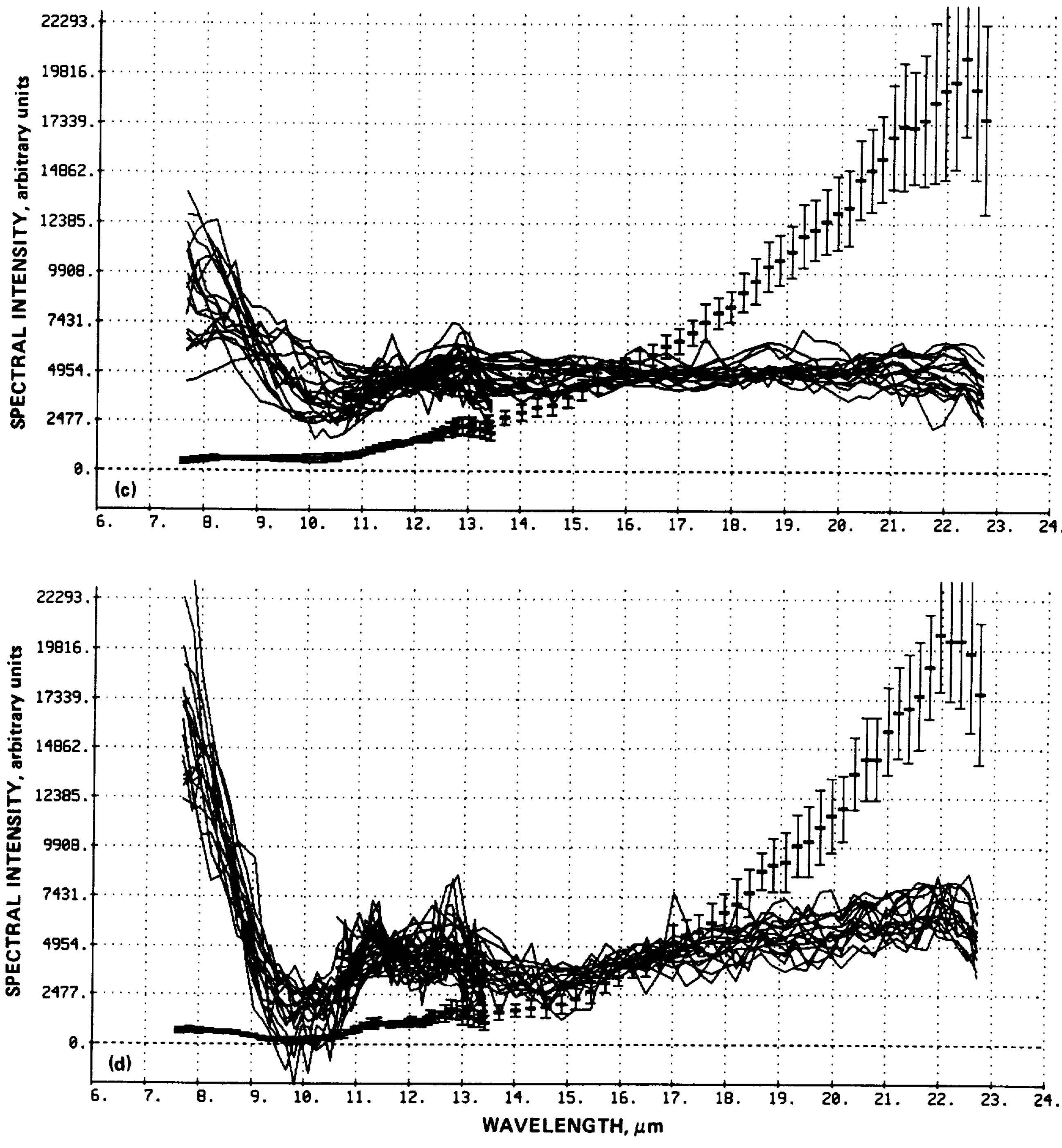


Figure 98.– Continued. (c) Subclass 21/γ0:2. (d) Subclass 21/γ0:3.

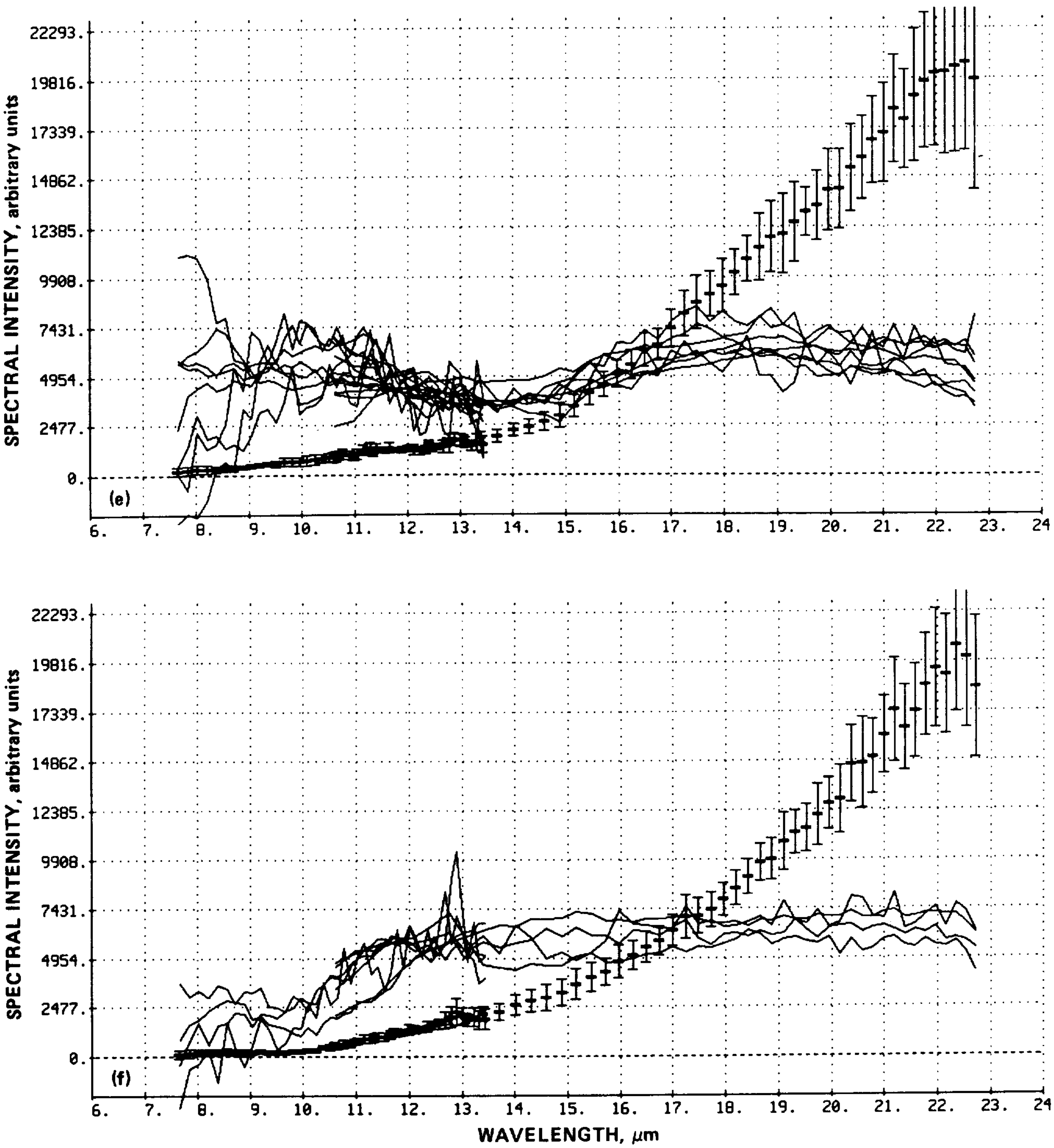


Figure 98.– Concluded. (e) Subclass 21/γ0:4. (f) Subclass 21/γ0:5.

Commentary for Split of Class 21/γ0

Subclasses: 6; Source count: 102; Source type: *HII* region; S/N: Good.

This class contains sources with cool continua and a mild emission line at 12.8 μm, or an absorption at around 10 μm. There are also a few spectra with silicate emission features. The sources in this class are usually planetary nebulae, *HII* regions, bipolar nebulae. The active galaxy M82 is also included.

Subclass 21/γ0:0

The 12.8 μm feature is strong for this class, and there are also broad emission lines at 7.7 μm and 11.3 μm. There may be sources with silicate absorption in this subclass. *GL437, S270, S106* and *S159* are in this subclass.

Subclass 21/γ0:1

In this subclass the 11.3 μm broad emission is not prominent, and these sources may be characterized by 10 μm absorption. The sources are associated with a variety of known objects. *NGC 6572* is the only known line source in the subclass. *OH284.2-0.8, He 2-77, G45.1+0.1, NGC 6857* and *S140* are also in this subclass.

Subclass 21/γ0:2

The spectra in this subclass are very similar to that in subclass 21/γ0:1, but here the flux is higher at the shorter wavelengths. *M82* is in this subclass. Also present in this subclass are *GL618, He 2-113* and *W28C.*

Subclass 21/γ0:3

This subclass has the most extreme 7.7 μm and 11.3 μm broad emission lines. The sources have some 12.8 μm emission and very cold continua. They are similar to subclass 21/γ0:0. *S217* and *NGC 2316* are in this subclass.

Subclass 21/γ0:4

This subclass has no emission lines, and it has cold silicate emission features. Very few of the sources have identifications. The *Rosette* nebula is in this subclass.

Subclass 21/γ0:5

This subclass may have a 12.8 μm feature, and there is an upward slope between 8 μm and 11 μm. The sources in this subclass generally have very flat spectra. Three out of the 4 sources are in the RAFGL (catalog number 3) catalog.

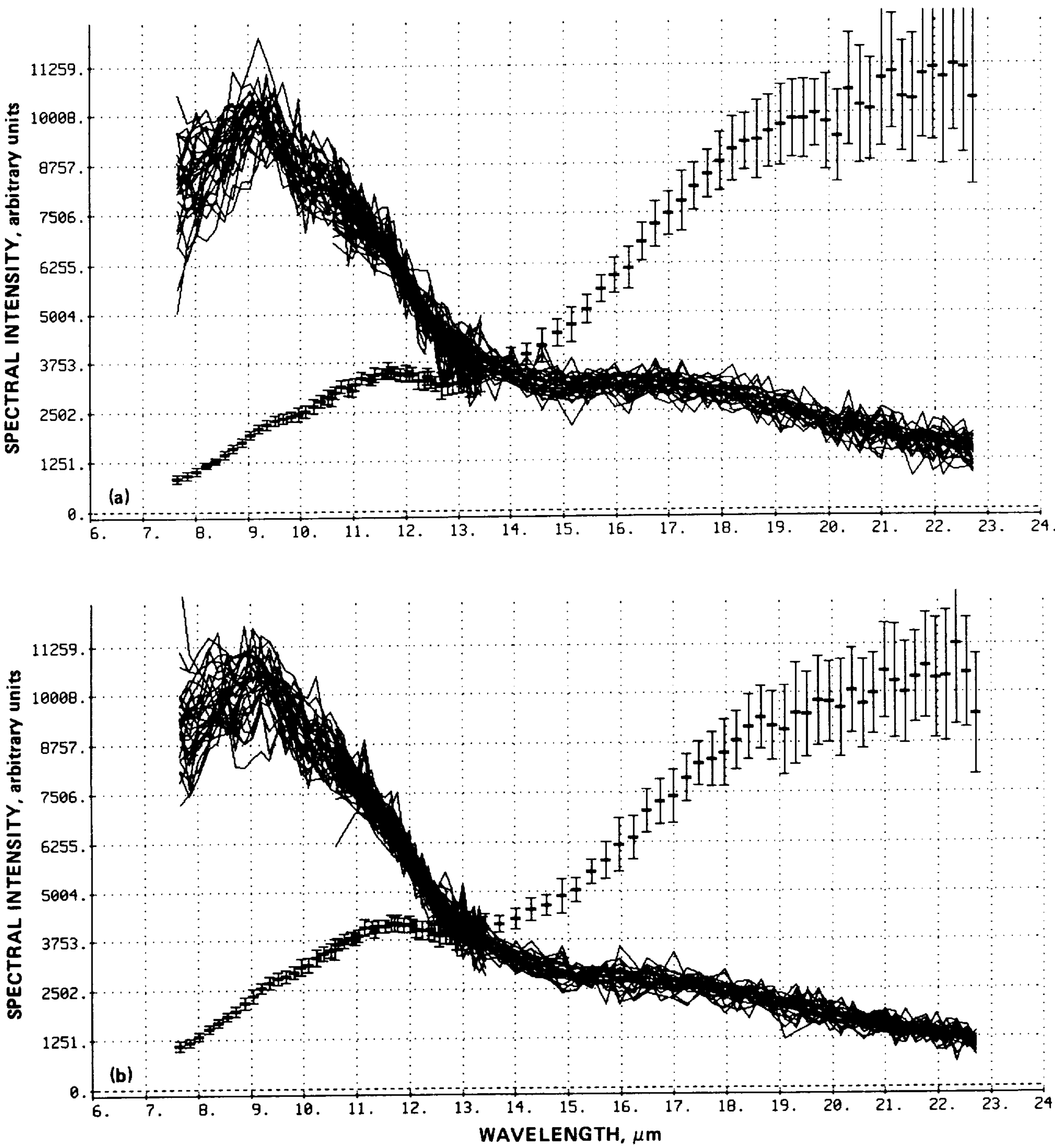


Figure 99.– Spectral Plots for Split of Class 33/ε1. (a) Subclass 33/ε1:0. (b) Subclass 33/ε1:1.

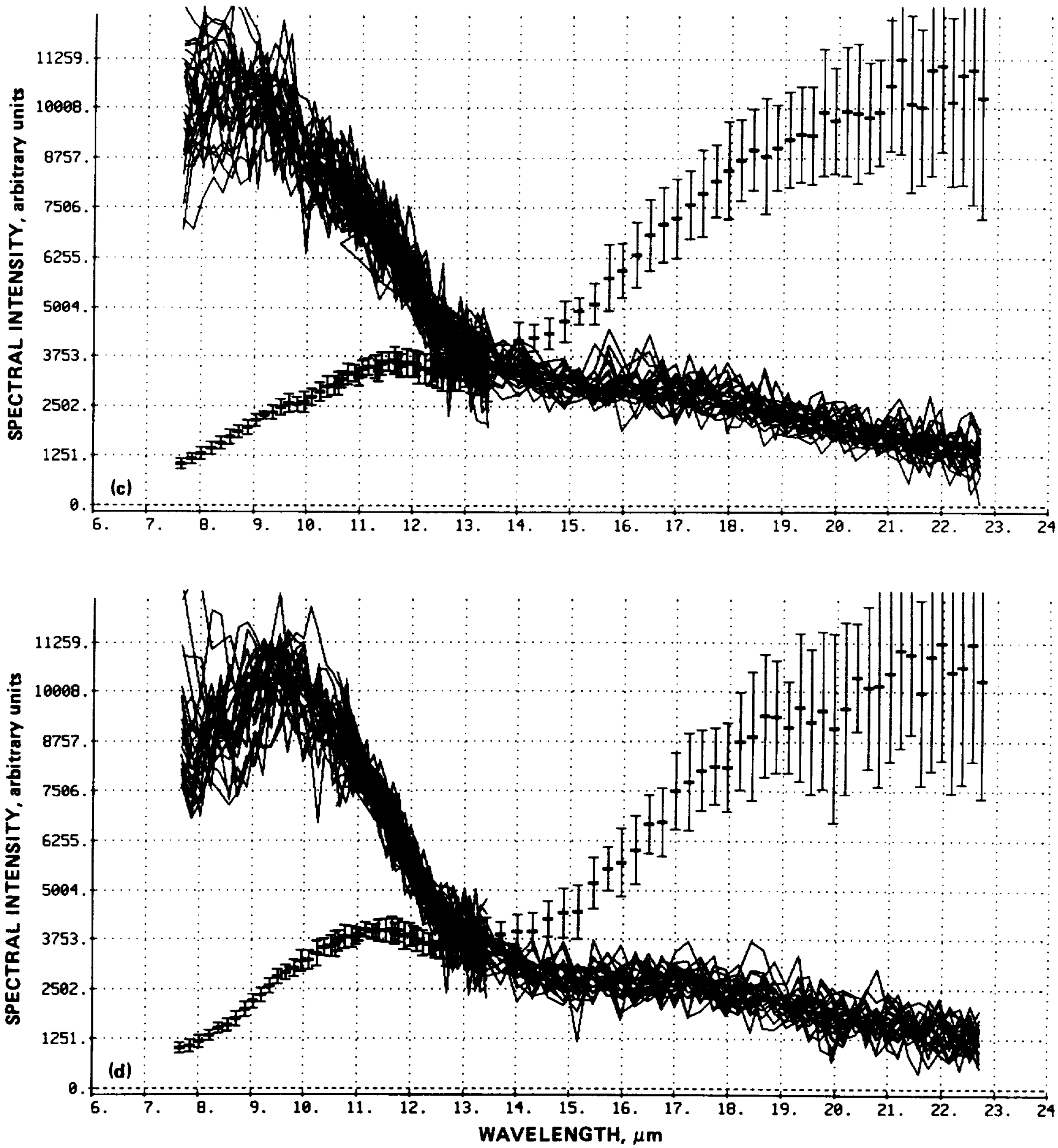


Figure 99.– Continued. (c) Subclass 33/ε1:2. (d) Subclass 33/ε1:3.

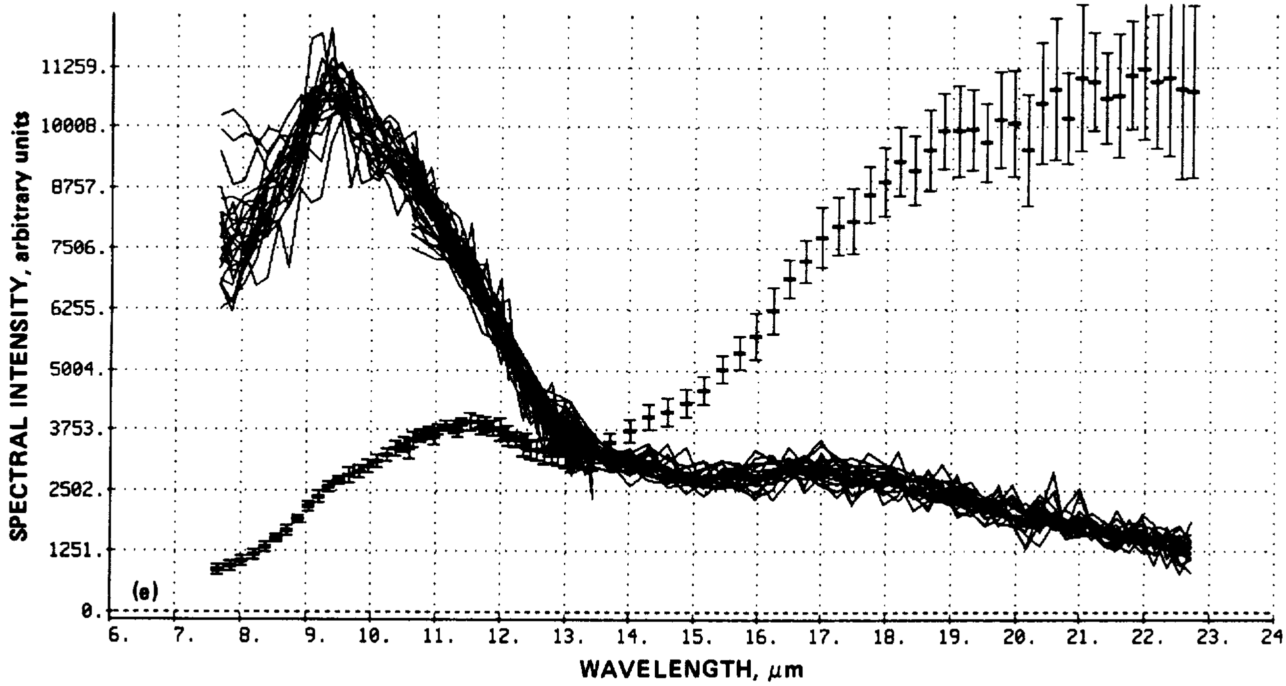


Figure 99.– Concluded. (e) Subclass 33/ε1:4.

Commentary for Split of Class 33/ε1

Subclasses: 5; Source count: 138; Source type: Oxygen-rich/emission; S/N: Very high.

This class shows emission features at 9.5 µm and 18 µm, and there is usually an additional feature near 11 µm to 12 µm. The separation into subclasses is determined mostly by the shape of the 9.5 µm feature, with some influence from the 18 µm feature. The class is generally concentrated towards the galactic center. Subclasses 33/ε1:0 and 33/ε1:2 show the least concentration: they contain the brighter nearby sources. Subclass 33/ε1:2 contains all the stars earlier than spectral type *K*. It contains *RV Tau, VY CMa, HD 45677* and *LDN 0547*. Subclass 33/ε1:0 contains *V1300 Aql*.

9.0 Tables for the Split Classes

Table 5, *Subclass Numbering for Split Classes,* lists the split classes, their subclasses, their source memberships, their cross-reference Table numbers and the Figure numbers of their spectral plots.

Tables 6 through 41 contain the split classes cross-reference by AutoClass class and by IRAS name. Those by AutoClass class are similar to Table 2 of section 7.0, *Cross-reference by AutoClass Class of Complete Database.* Those by IRAS name are similar to Table 3 of section 7.0, *Cross-reference by IRAS Name of Complete Database,* except that only parameters *name* and *AutoClass* are included.

Table 5. Subclass Numbering for Split Classes

Figure	Class/Metaclass		Subclass num	Membership	Tables
82a	0	$\alpha 0$	0	39	6,7
82b			1	36	
82c			2	33	
82d			3	27	
82e			4	20	
83a	5	$\alpha 5$	0	30	8,9
83b			1	21	
83c			2	20	
83d			3	20	
84a	7	$\beta 0$	0	45	10,11
84b			1	42	
84c			2	38	
84d			3	35	
84e			4	35	
84f			5	29	
85a	8	$\beta 1$	0	53	12,13
85b			1	35	
85c			2	30	
85d			3	29	
85e			4	24	
86a	9	$\beta 2$	0	71	14,15
86b			1	42	
86c			2	31	
87a	15	$\beta 8$	0	41	16,17
87b			1	36	
87c			2	33	
87d			3	31	
87e			4	31	
88a	18	$\beta 11$	0	34	18,19
88b			1	27	
88c			2	26	
88d			3	21	
88e			4	18	
89a	23	$\delta 0$	0	64	20,21
89b			1	47	
89c			2	40	
89d			3	33	
89e			4	31	
89f			5	29	
89g			6	12	

Figure	Class/Metaclass		Subclass num	Membership	Tables
90a	24	δ1	0	79	22,23
90b			1	55	
90c			2	55	
90d			3	47	
91a	31	δ8	0	99	24,25
91b			1	38	
92a	36	ζ0	0	20	26,27
92b			1	20	
92c			2	15	
92d			3	15	
92e			4	14	
92f			5	14	
93a	40	ζ4	0	30	28,29
93b			1	30	
93c			2	28	
93d			3	16	
93e			4	16	
93f			5	1	
94a	64	λ20	0	40	30,31
94b			1	26	
94c			2	26	
94d			3	16	
94e			4	13	
95a	69	λ25	0	51	32,33
95b			1	38	
95c			2	35	
95d			3	30	
95e			4	25	
96a	74	λ30	0	67	34,35
96b			1	38	
96c			2	37	
96d			3	37	
96e			4	35	
96f			5	31	
96g			6	28	
97a	78	λ34	0	37	36,37
97b			1	35	
97c			2	24	
97d			3	23	
97e			4	20	

Figure	Class/Metaclass		Subclass num	Membership	Tables
98a	21	$\gamma 0$	0	29	38,39
98b			1	26	
98c			2	18	
98d			3	17	
98e			4	8	
98f			5	4	
99a	33	$\varepsilon 1$	0	31	40,41
99b			1	31	
99c			2	27	
99d			3	25	
99e			4	24	

TABLE 6.– CROSS-REFERENCE BY AUTOCLASS CLASS OF CLASS 0/α0.

```
AutoClass classifications for the 155 LRS spectra
in >taylor>autoclass-x>data>lrs-5425>spectra-class0.base,
using the 136839.81 MML classification in
>taylor>autoclass-x>data>lrs-5425>disperse>spectra-80-1/0-10.wt-set.

 SORTED BY AUTOCLASS CLASSIFICATION.
```

AUTOCLASS CLASS = 0

Name	Cl	Nid	Cat	Source	Type	In	Prob
03277+5120	44					3	1.00
04369+4501	43					4	1.00
05424+4414	15					5	1.00
05447+1321	43					4	1.00
05576+3940	42	6	17	433	NE,C8	7	1.00
06238+0904	43	1	3	RAFGL 940		6	1.00
06315+1606	42	6	17	534	N,C8,	6	1.00
06323+3015	45					4	1.00
06588-2138	44					4	1.00
07085-0018	22	1	3	RAFGL 5225		5	1.00
07149-0046	43					6	1.00
07170+0721	44					5	1.00
08129-1236	45					6	1.00
08470-5710	43					5	1.00
08556-5717	44					5	1.00
09428-4341	43					5	1.00
10002-4641	43					8	1.00
10249-2517	46	6	17	1681	NE	9	1.00
11268-6437	44	2	7	HEN 658		4	1.00
11272-6901	43					5	1.00
14122-5845	45	1	17	2150		7	1.00
14286-5905	44	1	17	2164		8	1.00
14309-5126	44					5	1.00
16538-4633	45					10	1.00
17044-3722	43	1	17	2397		7	1.00
18155-1519	43	3	4	TMSS -20461		12	1.00
19248+0658	45	2	3	RAFGL 2392		11	1.00
19419+3222	44					5	1.00
19524+2130	43					4	1.00
19559+3301	43	3	17	2834		5	1.00
20043+3508	45					5	1.00
20101+4123	44					3	1.00
20204+2914	43					6	1.00
20323+3153	43					5	1.00
20596+3833	42					5	1.00
22236+5002	43					5	1.00
23174+5941	44					4	1.00
23174+6810	44					5	1.00
23202+5901	22	5	1	V398 CAS		12	1.00

AUTOCLASS CLASS = 1

Name	Cl	Nid	Cat	Source	Type	In	Prob
01324+4907	44					6	1.00
04307+6210	45	4	2	DO 28389		33	1.00
05426+2040	45	7	17	393	N2,C7	25	1.00
05440+4311	44	4	16	02629	C	8	1.00
06224+1701	44	1	3	RAFGL 5192		10	1.00
06504-1206	45	3	17	606		8	1.00
07065-7256	45	3	17	689		32	1.00
07270-1921	44	5	17	776		14	1.00
07373-4021	45	1	17	849	N:	21	1.00
08045-1524	44					9	1.00
08250-2605	44					6	1.00

TABLE 6.– CONTINUED.

AUTOCLASS CLASS = 1 (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
08380-4745	44	1	17	1261		9	1.00
08416-2525	44	3	17	1277		12	1.00
10325-6227	45	2	17	1705	N	10	1.00
11186-5528	44	1	17	1839		26	1.00
11308-1020	44					10	1.00
11318-7256	44	2	17	1882		52	1.00
16047-5449	45	2	17	2305		8	1.00
17389-5742	45	6	17	2470	NB,C6	16	1.00
17556+5813	45	7	17	2512	NE,C8	27	1.00
18040-0941	44	3	4	TMSS -10396		45	1.00
18041-3317	45					14	1.00
18045-1525	45	1	23	LDN 0347		8	1.00
18073-2652	45	6	17	2540	N	16	1.00
18230+0544	44	2	3	RAFGL 2150		12	1.00
18276-4717	44					32	1.00
19276-0056	45	7	17	2737	NE	9	1.00
19381+3315	44	1	3	RAFGL 2428		8	1.00
19537+2212	44	1	3	RAFGL 2474		12	1.00
20396+4757	44	5	17	2923	NE	92	1.00
21032-0024	45	7	17	2968	NE	48	1.00
21232+5705	44	1	17	3030		7	1.00
21262+7000	45	4	2	DO 39655		10	1.00
21320+3850	44	5	17	3041	N,C7,	35	1.00
21383+4513	44	2	4	TMSS +50388		8	1.00
22518+6600	44	1	3	RAFGL 2985		12	1.00

AUTOCLASS CLASS = 2

Name	Cl	Nid	Cat	Source	Type	In	Prob
01080+5327	44	4	2	DO 24107		12	1.00
01105+6241	44	6	17	59	C6,3:	25	1.00
03112-5730	43	5	17	136	N,C7,	17	1.00
03374+6229	45	5	17	154	N5,C6	23	1.00
04130+3918	43	1	3	RAFGL 6312S		9	1.00
04284+1732	45	1	17	221		11	1.00
04573-1452	45	7	17	276	N6,C7	48	1.00
05028+0106	44	8	17	284	N5,C5	31	1.00
05227+3820	43	2	17	330		13	1.00
05238+3406	45	5	17	336	N	28	1.00
05377+1346	44	1	3	RAFGL 799		11	1.00
06226-0905	43	2	4	TMSS -10122		22	1.00
06331+3829	43	7	17	537	N3,C5	48	1.00
08073-3608	45	3	17	1067	N,C6-	10	1.00
08119-3627	43					7	1.00
08353-3424	44					6	1.00
09271-5041	44	2	17	1467		6	1.00
09428-4630	45	1	17	1539		11	1.00
09533-4120	44	4	17	1583	N	15	1.00
10068-6341	43					5	1.00
12447+0425	44	6	17	2032	R3E,N	38	1.00
12465-6129	44	2	17	2035	N:	8	1.00
15096-6009	45	2	17	2221	N	11	1.00
15223-5743	44	1	17	2245		8	1.00
16562-5039	43					9	1.00
17302-3613	45	1	17	2455		8	1.00
18061-2739	44	2	17	2535		11	1.00
18421+1147	44					8	1.00
19108+1155	44					7	1.00
20082+2911	44	5	17	2871		6	1.00
21366+4529	44	1	17	3052		7	1.00

TABLE 6.– CONCLUDED.

AUTOCLASS CLASS = 2 (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
21440+7324	44	6	17	3070	N,C6-	21	1.00
22424+7431	45	1	3	RAFGL 2949		11	1.00

AUTOCLASS CLASS = 3

Name	Cl	Nid	Cat	Source	Type	In	Prob
03229+4721	44	5	17	142	N	83	0.99
05136+4712	43					8	1.00
05418-3224	43					9	1.00
06183+1135	44	2	17	496		9	1.00
06230-0930	44	1	3	RAFGL 935		12	1.00
06487+0551	43					10	1.00
06564+0342	44					8	1.00
07098-2012	43	1	3	RAFGL 1085		31	1.00
07368-2833	43					7	1.00
08050-2838	43	1	3	RAFGL 5240		11	1.00
08340-3357	42	1	3	RAFGL 5251		16	1.00
09521-7508	43	2	39	PKS0952-75		42	1.00
12298-5754	43	2	17	2012		19	1.00
13482-6716	44					17	1.00
16171-4759	43					8	1.00
16478-4322	43	1	17	2369		15	1.00
16545-4214	43	1	17	2380		44	1.00
17079-6554	43					21	1.00
17103-3551	44	2	17	2409		11	1.00
17446-7809	43					56	1.00
17581-1744	44					8	1.00
18397+1738	43	4	16	11225	C	99	1.00
18424+0346	44					9	1.00
19029+2017	43	1	3	RAFGL 2318		16	1.00
19175-0807	43	5	16	11912	C	84	1.00
22585+6402	43	2	3	RAFGL 3011		13	1.00
23491+6243	43	1	7	1+62 36		7	1.00

AUTOCLASS CLASS = 4

Name	Cl	Nid	Cat	Source	Type	In	Prob
01443+6417	43	1	3	RAFGL 248		8	1.00
02270-2619	43	5	17	103	NE	44	1.00
03157+3258	43					10	1.00
05185+3227	43	6	17	318	NE,C8	12	1.00
06088+1909	43					8	1.00
06206+0931	43					7	1.00
07028-1456	43	1	3	RAFGL 1062		8	1.00
07220-2324	42	1	3	RAFGL 5231		9	1.00
12194-6007	42					10	1.00
12394-4338	43	2	17	2025		27	1.00
14521-6058	44					5	1.00
15043-5438	43					10	1.00
15148-4940	42	1	17	2232		27	1.00
17130-3907	44					14	1.00
18078-2022	43	1	3	RAFGL 2085		13	1.00
18156-0653	45	1	3	RAFGL 2118		17	1.00
20282+3604	45					9	1.00
21006+4720	43					12	1.00
21035+5136	44	4	17	2976		47	1.00
23279+5336	43					13	1.00

TABLE 7.– CROSS-REFERENCE BY IRAS NAME OF SPLIT CLASS 0/α0.

AutoClass classifications for the 155 LRS spectra
in >taylor>autoclass-x>data>lrs-5425>SPECTRA-CLASS0.BASE,
using the 103648.05 MML classification in
>taylor>autoclass-x>data>lrs-5425>DISPERSE>SPECTRA-80-1/0-10.WT-SET.

SORTED BY LRS NAME.

Name	AutoClass	Name	AutoClass	Name	AutoClass
01080+5327	(2 1.00)	08050-2838	(3 1.00)	17556+5813	(1 1.00)
01105+6241	(2 1.00)	08073-3608	(2 1.00)	17581-1744	(3 1.00)
01324+4907	(1 1.00)	08119-3627	(2 1.00)	18040-0941	(1 1.00)
01443+6417	(4 1.00)	08129-1236	(0 1.00)	18041-3317	(1 1.00)
02270-2619	(4 1.00)	08250-2605	(1 1.00)	18045-1525	(1 1.00)
03112-5730	(2 1.00)	08340-3357	(3 1.00)	18061-2739	(2 1.00)
03157+3258	(4 1.00)	08353-3424	(2 1.00)	18073-2652	(1 1.00)
03229+4721	(3 0.99)	08380-4745	(1 1.00)	18078-2022	(4 1.00)
03277+5120	(0 1.00)	08416-2525	(1 1.00)	18155-1519	(0 1.00)
03374+6229	(2 1.00)	08470-5710	(0 1.00)	18156-0653	(4 1.00)
04130+3918	(2 1.00)	08556-5717	(0 1.00)	18230+0544	(1 1.00)
04284+1732	(2 1.00)	09271-5041	(2 1.00)	18276-4717	(1 1.00)
04307+6210	(1 1.00)	09428-4341	(0 1.00)	18397+1738	(3 1.00)
04369+4501	(0 1.00)	09428-4630	(2 1.00)	18421+1147	(2 1.00)
04573-1452	(2 1.00)	09521-7508	(3 1.00)	18424+0346	(3 1.00)
05028+0106	(2 1.00)	09533-4120	(2 1.00)	19029+2017	(3 1.00)
05136+4712	(3 1.00)	10002-4641	(0 1.00)	19108+1155	(2 1.00)
05185+3227	(4 1.00)	10068-6341	(2 1.00)	19175-0807	(3 1.00)
05227+3820	(2 1.00)	10249-2517	(0 1.00)	19248+0658	(0 1.00)
05238+3406	(2 1.00)	10325-6227	(1 1.00)	19276-0056	(1 1.00)
05377+1346	(2 1.00)	11186-5528	(1 1.00)	19381+3315	(1 1.00)
05418-3224	(3 1.00)	11268-6437	(0 1.00)	19419+3222	(0 1.00)
05424+4414	(0 1.00)	11272-6901	(0 1.00)	19524+2130	(0 1.00)
05426+2040	(1 1.00)	11308-1020	(1 1.00)	19537+2212	(1 1.00)
05440+4311	(1 1.00)	11318-7256	(1 1.00)	19559+3301	(0 1.00)
05447+1321	(0 1.00)	12194-6007	(4 1.00)	20043+3508	(0 1.00)
05576+3940	(0 1.00)	12298-5754	(3 1.00)	20082+2911	(2 1.00)
06088+1909	(4 1.00)	12394-4338	(4 1.00)	20101+4123	(0 1.00)
06183+1135	(3 1.00)	12447+0425	(2 1.00)	20204+2914	(0 1.00)
06206+0931	(4 1.00)	12465-6129	(2 1.00)	20282+3604	(4 1.00)
06224+1701	(1 1.00)	13482-6716	(3 1.00)	20323+3153	(0 1.00)
06226-0905	(2 1.00)	14122-5845	(0 1.00)	20396+4757	(1 1.00)
06230-0930	(3 1.00)	14286-5905	(0 1.00)	20596+3833	(0 1.00)
06238+0904	(0 1.00)	14309-5126	(0 1.00)	21006+4720	(4 1.00)
06315+1606	(0 1.00)	14521-6058	(4 1.00)	21032-0024	(1 1.00)
06323+3015	(0 1.00)	15043-5438	(4 1.00)	21035+5136	(4 1.00)
06331+3829	(2 1.00)	15096-6009	(2 1.00)	21232+5705	(1 1.00)
06487+0551	(3 1.00)	15148-4940	(4 1.00)	21262+7000	(1 1.00)
06504-1206	(1 1.00)	15223-5743	(2 1.00)	21320+3850	(1 1.00)
06564+0342	(3 1.00)	16047-5449	(1 1.00)	21366+4529	(2 1.00)
06588-2138	(0 1.00)	16171-4759	(3 1.00)	21383+4513	(1 1.00)
07028-1456	(4 1.00)	16478-4322	(3 1.00)	21440+7324	(2 1.00)
07065-7256	(1 1.00)	16538-4633	(0 1.00)	22236+5002	(0 1.00)
07085-0018	(0 1.00)	16545-4214	(3 1.00)	22424+7431	(2 1.00)
07098-2012	(3 1.00)	16562-5039	(2 1.00)	22518+6600	(1 1.00)
07149-0046	(0 1.00)	17044-3722	(0 1.00)	22585+6402	(3 1.00)
07170+0721	(0 1.00)	17079-6554	(3 1.00)	23174+5941	(0 1.00)
07220-2324	(4 1.00)	17103-3551	(3 1.00)	23174+6810	(0 1.00)
07270-1921	(1 1.00)	17130-3907	(4 1.00)	23202+5901	(0 1.00)
07368-2833	(3 1.00)	17302-3613	(2 1.00)	23279+5336	(4 1.00)
07373-4021	(1 1.00)	17389-5742	(1 1.00)	23491+6243	(3 1.00)
08045-1524	(1 1.00)	17446-7809	(3 1.00)		

TABLE 8.– CROSS-REFERENCE BY AUTOCLASS CLASS OF SPLIT CLASS 5/α5.

AutoClass classifications for the 91 LRS spectra
in >taylor>autoclass-x>data>lrs-5425>spectra-class5.base,
using the 86672.125 MML classification in
>taylor>autoclass-x>data>lrs-5425>disperse>spectra-80-1/5-10.wt-set.

SORTED BY AUTOCLASS CLASSIFICATION.

AUTOCLASS CLASS = 0

Name	Cl	Nid	Cat	Source	Type	In	Prob
00422+5310	45					3	1.00
02200+4830	47	1	2	DO 25649		6	1.00
02596+6639	44					3	1.00
04179+4145	44					4	1.00
04262+3945	45	6	17	215	N	8	1.00
05316+1757	45					4	1.00
06013+6733	44					4	1.00
06192+0722	46	6	17	498	N2	5	1.00
07259-2353	44	1	17	774		3	1.00
07356-3549	46					3	1.00
07375-2735	47	4	17	846	N,C5,	6	1.00
08174+0255	45	6	17	1123	NE,C5	5	1.00
08292-3828	45	2	17	1195		4	1.00
08434-2801	47	4	17	1285	R	4	1.00
08450-3407	46	1	17	1293		4	1.00
09112-2311	45	4	17	1404	NE	6	1.00
10368-6033	45	3	17	1728		5	1.00
10404-5825	46					3	1.00
11276-5851	17	1	17	1866		3	1.00
12002-6711	44	1	17	1949		3	1.00
14010-5927	46					4	1.00
17172-4020	46	1	17	2429	N	11	1.00
17278-3937	46	1	17	2451		6	1.00
18244-0108	45	1	17	2585		5	1.00
20084-1425	47	3	17	2867	NE	5	1.00
20103+3927	45					5	1.00
20223+6935	44					3	1.00
20472+3302	46	5	17	2935	N,C5+	4	1.00
20564+1857	45					4	1.00
21070+4711	46	2	17	2988		5	1.00

AUTOCLASS CLASS = 1

Name	Cl	Nid	Cat	Source	Type	In	Prob
00248+3518	43	7	17	16	N	5	1.00
01531+5900	18	6	17	87	NE	4	1.00
03415+4437	44	4	17	157	N3	4	1.00
04127+5030	44	6	17	194	NE	5	1.00
04165+1420	47					4	1.00
04504+4949	44	5	17	262	NE,R	4	1.00
06175+2347	17					4	1.00
06558+2853	44					4	1.00
12085-6409	17	1	17	1968	NO	5	1.00
12226+0102	04	5	17	1999	NE,C6	14	1.00
12444-5925	44	2	17	2031	N	5	1.00
13343-5613	25	3	17	2106	NB	5	1.00
14202-6330	44	1	17	2158		4	1.00
17208-2916	43	4	17	2438	N	6	1.00
18481-0647	47	5	17	2669	C8,2E	5	1.00
19184+3746	18	6	17	2724	NE	6	1.00
20028+2030	17	5	17	2853	N3,C6	4	1.00
20079+4743	16	6	17	2872	N3,R3	4	1.00
21136+5705	18					4	1.00
21533+5414	44	6	17	3081	NB,C5	4	1.00

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TABLE 8.– CONCLUDED.

AUTOCLASS CLASS = 1 (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
22125+5608	43					4	1.00

AUTOCLASS CLASS = 2

Name	Cl	Nid	Cat	Source	Type	In	Prob
00036+6947	44	4	17	1		7	1.00
01580+5803	44	1	7	1G 139		5	1.00
04357+4323	42					4	1.00
05131+1155	44	6	17	307	N	7	1.00
05383+1216	44	5	2	DO 1241		7	1.00
06529+0626	44	7	17	615	NE	22	1.00
06556+0614	43	6	17	632	N,R,C	8	1.00
06585-4111	23					5	1.00
07045-0728	45	6	17	670	N,C6,	13	1.00
07551-0032	44					4	1.00
10154-4950	45	2	17	1655	N	9	1.00
14371-6233	43	1	17	2178		9	1.00
15219-7545	44	3	17	2240	NB	6	1.00
16239-1218	43	5	17	2334	NE,C7	6	1.00
16290-4503	45	2	39	CC 338+01.9		9	1.00
17369-4136	44	3	17	2464	N3	8	1.00
19147+2149	43	6	17	2717	N,C4,	6	1.00
19272+4556	17	5	17	2739	N	5	1.00
19314-1629	43	6	17	2744	N3	15	1.00
23493+6230	44	1	2	DO 43734		5	1.00

AUTOCLASS CLASS = 3

Name	Cl	Nid	Cat	Source	Type	In	Prob
00186+5940	45	5	1	MZ CAS		5	1.00
04160+5137	16					3	1.00
05261+4626	43					4	1.00
05452+2001	15					4	1.00
05479+5721	16					4	1.00
06106-1329	16					4	1.00
06153+5029	17					3	1.00
06196-2409	16					3	1.00
06216-2702	44	4	17	507	N+A5V	4	1.00
06521+1054	46	2	17	613		4	1.00
07411-4404	16	1	17	874	N:,R	3	1.00
10084-5613	45					4	1.00
10591-5848	15					4	1.00
13031-5743	45					6	1.00
13092-6026	44					3	1.00
14190-4937	16	3	17	2157	NB	4	1.00
18370+1038	45					4	1.00
20424+5921	16					3	1.00
21424+5821	44					5	1.00
21547+6250	01					4	1.00

TABLE 9.– CROSS-REFERENCE BY IRAS NAME OF SPLIT CLASS 5/α5.

```
AutoClass classifications for the 91 LRS spectra
in >taylor>autoclass-x>data>lrs-5425>SPECTRA-CLASS5.BASE,
using the 67185.36 MML classification in
>taylor>autoclass-x>data>lrs-5425>DISPERSE>SPECTRA-80-1/5-10.WT-SET.
```

SORTED BY LRS NAME.

Name	AutoClass	Name	AutoClass	Name	AutoClass
00036+6947	(2 1.00)	06556+0614	(2 1.00)	15219-7545	(2 1.00)
00186+5940	(3 1.00)	06558+2853	(1 1.00)	16239-1218	(2 1.00)
00248+3518	(1 1.00)	06585-4111	(2 1.00)	16290-4503	(2 1.00)
00422+5310	(0 1.00)	07045-0728	(2 1.00)	17172-4020	(0 1.00)
01531+5900	(1 1.00)	07259-2353	(0 1.00)	17208-2916	(1 1.00)
01580+5803	(2 1.00)	07356-3549	(0 1.00)	17278-3937	(0 1.00)
02200+4830	(0 1.00)	07375-2735	(0 1.00)	17369-4136	(2 1.00)
02596+6639	(0 1.00)	07411-4404	(3 1.00)	18244-0108	(0 1.00)
03415+4437	(1 1.00)	07551-0032	(2 1.00)	18370+1038	(3 1.00)
04127+5030	(1 1.00)	08174+0255	(0 1.00)	18481-0647	(1 1.00)
04160+5137	(3 1.00)	08292-3828	(0 1.00)	19147+2149	(2 1.00)
04165+1420	(1 1.00)	08434-2801	(0 1.00)	19184+3746	(1 1.00)
04179+4145	(0 1.00)	08450-3407	(0 1.00)	19272+4556	(2 1.00)
04262+3945	(0 1.00)	09112-2311	(0 1.00)	19314-1629	(2 1.00)
04357+4323	(2 1.00)	10084-5613	(3 1.00)	20028+2030	(1 1.00)
04504+4949	(1 1.00)	10154-4950	(2 1.00)	20079+4743	(1 1.00)
05131+1155	(2 1.00)	10368-6033	(0 1.00)	20084-1425	(0 1.00)
05261+4626	(3 1.00)	10404-5825	(0 1.00)	20103+3927	(0 1.00)
05316+1757	(0 1.00)	10591-5848	(3 1.00)	20223+6935	(0 1.00)
05383+1216	(2 1.00)	11276-5851	(0 1.00)	20424+5921	(3 1.00)
05452+2001	(3 1.00)	12002-6711	(0 1.00)	20472+3302	(0 1.00)
05479+5721	(3 1.00)	12085-6409	(1 1.00)	20564+1857	(0 1.00)
06013+6733	(0 1.00)	12226+0102	(1 1.00)	21070+4711	(0 1.00)
06106-1329	(3 1.00)	12444-5925	(1 1.00)	21136+5705	(1 1.00)
06153+5029	(3 1.00)	13031-5743	(3 1.00)	21424+5821	(3 1.00)
06175+2347	(1 1.00)	13092-6026	(3 1.00)	21533+5414	(1 1.00)
06192+0722	(0 1.00)	13343-5613	(1 1.00)	21547+6250	(3 1.00)
06196-2409	(3 1.00)	14010-5927	(0 1.00)	22125+5608	(1 1.00)
06216-2702	(3 1.00)	14190-4937	(3 1.00)	23493+6230	(2 1.00)
06521+1054	(3 1.00)	14202-6330	(1 1.00)		
06529+0626	(2 1.00)	14371-6233	(2 1.00)		

TABLE 10.– CROSS-REFERENCE BY AUTOCLASS CLASS OF SPLIT CLASS 7/β0.

AutoClass classifications for the 224 LRS spectra
in >taylor>autoclass-x>data>lrs-5425>spectra-class7.base,
using the 197818.6 MML classification in
>taylor>autoclass-x>data>lrs-5425>disperse>spectra-80-1/7-10.wt-set.

SORTED BY AUTOCLASS CLASSIFICATION.

AUTOCLASS CLASS = 0

Name	Cl	Nid	Cat	Source	Type	In	Prob
01572+5844	26					4	1.00
01577+6354	25	4	16	00693		4	1.00
03598-1353	26	2	1	WZ ERI		4	1.00
04209+4800	27					5	1.00
04554+4437	25	2	4	TMSS +40106		5	1.00
08380-1438	27	4	16	04189	M8	6	1.00
10106-6538	27					5	1.00
12020+0254	26	5	1	TZ VIR		4	1.00
13340-6613	28					5	1.00
13379-5426	28					8	1.00
14008-5659	27					6	1.00
14030-4629	28					5	1.00
14103-6311	28	3	16	06587	E	5	1.00
14273-6153	25					4	1.00
14352-5537	26					4	1.00
14431-5618	29					5	1.00
14436-5736	28					4	1.00
15073-6454	29					4	1.00
15468-5018	27					5	1.00
15527-6041	27					5	1.00
16030-5928	27					5	1.00
16052-4525	28					5	1.00
16091-1655	28					4	1.00
16151-4810	28					6	1.00
16264-5309	28					3	1.00
16314-5018	27					3	1.00
16409-5128	26					4	1.00
17114-2448	27					5	1.00
17119-3558	26					4	1.00
17171-0843	27					5	1.00
17545-2339	28					6	1.00
17558-1913	26					5	1.00
18112+1227	25	5	1	V454 OPH		5	1.00
18171-1219	25	3	4	TMSS -10410		6	1.00
18251-3234	26					4	1.00
18361-1111	26					5	1.00
18366-0322	28					7	1.00
18425-1014	27	1	3	RAFGL 5531		4	1.00
18425+1727	25	4	2	DO 16991		4	1.00
18484-1055	27					4	1.00
18512-0934	27					4	1.00
18517-0407	27					4	1.00
18567+1046	27					4	1.00
19591+1817	27					7	1.00
20425+3218	28	1	1	V570 CYG		5	1.00

AUTOCLASS CLASS = 1

Name	Cl	Nid	Cat	Source	Type	In	Prob
00127+5437	29					8	1.00
01085+3022	29	5	16	00426	*	22	1.00
04404-7427	29	1	1	SY MEN		8	1.00
04566+5606	27	4	1	TX CAM		169	1.00
05151+6312	29	4	16	01910	M9	32	1.00

TABLE 10.– CONTINUED.

AUTOCLASS CLASS = 1 (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
05423+2905	29					9	1.00
05535+4822	28	4	1	LO AUR		6	1.00
06255-4928	29					8	1.00
07054-1039	29	3	4	TMSS -10151		10	1.00
09235-2347	28	4	16	04485	M9	22	1.00
10321-6021	29					8	1.00
11525-5057	29					13	1.00
12379-4959	29					11	1.00
14453-4920	29					8	1.00
15226-3603	28	2	3	RAFGL 1771		21	1.00
15255+1944	29	3	1	WX SER		24	1.00
15269-4400	28					8	1.00
15570-5515	27					9	1.00
16011-5424	29	1	16	07410	M8	8	1.00
16260+3454	28	3	4	TMSS +30292		8	0.84
						(2	0.16)
16574-1032	28	4	16	08098	M	10	1.00
17001-2029	28	2	4	TMSS -20341		8	1.00
17025-4719	29					10	1.00
17103-0559	28					10	1.00
17131-6225	29					8	1.00
17162-1934	28	2	1	V1848 OPH		10	1.00
17175-4602	28					5	1.00
17433-2523	27					9	1.00
17484-0800	29	4	16	09764	M9	21	1.00
18018-2802	28	4	1	V1804 SGR		18	1.00
18413+1354	29	4	16	11263	M7	28	1.00
18451-0824	29					12	1.00
18560-2954	27	3	4	TMSS -30398		46	1.00
19042-4858	29	1	1	U TEL		24	1.00
19093-3256	28	4	1	V342 SGR		45	1.00
19157-1706	28	1	3	RAFGL 2361		13	1.00
19231+3555	29	4	16	12009		16	1.00
19396+1637	29	2	11	PK 53- 3.2		16	1.00
19474-0744	28	5	1	GY AQL		53	1.00
20135-7152	29	1	16	12961		21	1.00
20484-7202	29	1	40		F7/8 V	13	1.00
21206-4054	29	2	1	V MIC		13	1.00

AUTOCLASS CLASS = 2

Name	Cl	Nid	Cat	Source	Type	In	Prob
02153+5711	29	6	1	BU PER		7	1.00
05543+5002	29					6	1.00
09194-4518	29					7	1.00
10495-5815	28					5	1.00
10521-6146	28	3	1	BZ CAR	M1/2 IAB/B	4	1.00
13350-7221	28	1	1	AI MUS		4	1.00
14302-6026	29					5	1.00
15569-6135	29					5	1.00
16349-4031	28					4	1.00
16407-5639	29					6	1.00
16410-5240	29					5	1.00
16486-3014	29					6	1.00
16559-2557	29	1	1	EG OPH		6	1.00
17020-5254	29					10	1.00
17290-1826	29					4	1.00
17389-2045	28	3	4	TMSS -20378		11	1.00
17473-2751	29	1	3	RAFGL 2015		18	1.00
17552-1254	28					5	1.00

TABLE 10.– CONTINUED.

AUTOCLASS CLASS = 2 (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
18165-2629	29					4	1.00
18328-1728	29					5	1.00
18512+2029	29					5	1.00
19186+1657	29					6	1.00
19206-0241	28	3	16	11963	M9	5	1.00
19270+2239	28					5	1.00
19313-3021	28	1	1	DI SGR		5	1.00
19361-1658	29	2	19	612		11	1.00
19375+4322	29					4	1.00
19386+1513	29					5	1.00
19406+4715	29					3	1.00
19454+0355	29					6	1.00
19586+3637	29	4	23	LDN 0861		13	0.94
20052+0554	29	5	16	12814	M9	15	1.00
20156+2130	29					5	1.00
20381+5001	29					5	1.00
20444+0540	29	1	8	EIC 837		6	1.00
21120+0736	29					5	1.00
21468+3942	29	3	16	13887	M8	6	1.00
22345+5809	29	5	1	W CEP		16	1.00

AUTOCLASS CLASS = 3

Name	Cl	Nid	Cat	Source	Type	In	Prob
00428+6854	27	3	4	TMSS +70012		8	1.00
02407+3602	29	5	1	TV PER		7	1.00
02547+1106	28	1	3	RAFGL 5087		5	1.00
06300+6058	28	4	16	03020	M9	40	1.00
09072-5933	26					7	1.00
09429-2148	28	3	4	TMSS -20197		65	1.00
09503-5439	27					4	1.00
12310-6233	29					5	1.00
12377-6102	28					16	1.00
13442-6109	27					39	1.00
13479-5436	27					12	1.00
14086-6907	27					10	1.00
14531-5337	27					17	1.00
16218-4701	27					7	1.00
16219-5048	27					22	1.00
16292-5004	28					11	1.00
16340-4634	27					59	1.00
16541-5335	27					7	1.00
16581-4058	25					9	1.00
17104-3146	27	3	16	08331		10	1.00
17119+0859	28	5	4	TMSS +10322		54	1.00
17309-1724	28	1	3	RAFGL 5353		11	1.00
17434-3414	28	1	3	RAFGL 5383		8	1.00
18076+3445	27					6	1.00
18556+0811	27	1	8	EIC 722		14	1.00
19059-2219	28	3	4	TMSS -20540		31	1.00
19240+3615	29					12	1.00
19422+3506	28	1	3	RAFGL 2445		23	1.00
19442-0829	29					8	1.00
19495+0835	28	1	3	RAFGL 5000		8	1.00
19553+3941	26	3	1	V1016 CYG		6	1.00
20042-4241	28	2	1	V2234 SGR		26	1.00
20234-1357	27					9	1.00
20549+5245	27					8	1.00
23213-4521	28	2	16	14540		14	1.00

TABLE 10.– CONTINUED.

AUTOCLASS CLASS = 4

Name	Cl	Nid	Cat	Source		Type	In	Prob
02188+5652	26	5	1	RS	PER		9	1.00
02347+5649	27	4	1	YZ	PER		6	1.00
02473+5738	25	4	2	DO	26272		5	1.00
03030+5532	27	4	1	IO	PER		31	1.00
08124-4133	27	5	1	RX	PUP		23	1.00
08400-4755	26	2	1	EP	VEL		10	1.00
08491-5134	28						5	1.00
08500-3254	27	1	3	RAFGL	5253		5	1.00
08571-5901	25						5	1.00
10161-5633	27						8	1.00
10401-5327	26	1	40			M5/6 III	10	1.00
10416-6313	27	1	1	BI	CAR		7	1.00
10484-5943	27	3	1	IX	CAR	K5/M0 IAB	8	1.00
10520-6049	26	2	1	CL	CAR	M3 (I)	9	1.00
12563-6100	26						10	1.00
13457-5612	28						4	1.00
14180-7107	26						6	1.00
15060+0947	28						5	1.00
16254-4950	26						8	1.00
16270-5213	28	1	16	07759			5	1.00
16561-3459	27						7	1.00
17102-1031	27	3	16	08322		M7	19	1.00
17139-3746	27						10	1.00
17174-4641	28						11	1.00
17485-2209	27	2	4	TMSS	-20394		7	1.00
18044-2927	26	4	16	10220		M3	12	1.00
18409+1220	28	4	1	KX	HER		11	1.00
18545+1040	28						6	0.96
19252+2201	29						6	1.00
19267+0345	26	4	4	TMSS	00436		6	1.00
19520+0533	29	1	1	V1062	AQL		6	1.00
20233+3343	26						4	1.00
22017+2806	26	5	1	TW	PEG		35	1.00
22097+5647	29	5	1	CU	CEP		26	1.00
22282+5644	28	6	1	ST	CEP		8	1.00

AUTOCLASS CLASS = 5

Name	Cl	Nid	Cat	Source		Type	In	Prob
00042+4248	26	3	4	TMSS	+40004		51	1.00
05559+3825	27	4	16	02749		M9	13	1.00
06193-0349	27	4	16	02938		*	14	1.00
07153-2411	27						5	1.00
07284-0940	26	3	1	U	MON		14	1.00
07308+3037	27	4	16	03641		M9	27	1.00
07329-2352	27	4	1	DU	PUP		16	1.00
13141-6119	25	4	1	V396	CEN	M4 IAB/B	8	1.00
13283-5839	26						8	1.00
14337-6215	26						8	1.00
14591-4438	26						36	1.00
15332-6430	26						9	1.00
16030-5156	26						14	1.00
17367-2319	26	1	1	V545	OPH		8	1.00
17388-1645	26	4	1	BG	OPH		6	1.00
18050-2213	26	4	1	VX	SGR		340	1.00
18314-1131	25	1	3	RAFGL	2192		15	1.00
18325-1138	25	1	3	RAFGL	7015S		5	1.00
18349+1023	26	4	1	V1111	OPH		42	1.00
18436+4334	27	4	1	RW	LYR		9	1.00
18595-3947	26	1	3	RAFGL	5552		128	1.00

TABLE 10.– CONCLUDED.

AUTOCLASS CLASS = 5 (continued)

Name	Cl	Nid	Cat	Source		Type	In	Prob
19098-1502	27	1	1	EF	SGR		6	1.00
19329+2641	27						6	1.00
20403+3700	26						8	1.00
21286+1055	26	5	1	UU	PEG		18	1.00
21563+5630	26	3	4	TMSS	+60334		10	1.00
23365+5159	25	5	1	SV	CAS		14	1.00
23425+4338	26	4	1	EY	AND		9	1.00
23496+6131	27	4	16	14731		M9	36	1.00

TABLE 11.– CROSS-REFERENCE BY IRAS NAME OF SPLIT CLASS 7/β0.

AutoClass classifications for the 224 LRS spectra
in >taylor>autoclass-x>data>lrs-5425>SPECTRA-CLASS7.BASE,
using the 149851.14 MML classification in
>taylor>autoclass-x>data>lrs-5425>DISPERSE>SPECTRA-80-1/7-10.WT-SET.

SORTED BY LRS NAME.

Name	AutoClass	Name	AutoClass	Name	AutoClass
00042+4248	(5 1.00)	13379-5426	(0 1.00)	17119-3558	(0 1.00)
00127+5437	(1 1.00)	13442-6109	(3 1.00)	17131-6225	(1 1.00)
00428+6854	(3 1.00)	13457-5612	(4 1.00)	17139-3746	(4 1.00)
01085+3022	(1 1.00)	13479-5436	(3 1.00)	17162-1934	(1 1.00)
01572+5844	(0 1.00)	14008-5659	(0 1.00)	17171-0843	(0 1.00)
01577+6354	(0 1.00)	14030-4629	(0 1.00)	17174-4641	(4 1.00)
02153+5711	(2 1.00)	14086-6907	(3 1.00)	17175-4602	(1 1.00)
02188+5652	(4 1.00)	14103-6311	(0 1.00)	17290-1826	(2 1.00)
02347+5649	(4 1.00)	14180-7107	(4 1.00)	17309-1724	(3 1.00)
02407+3602	(3 1.00)	14273-6153	(0 1.00)	17367-2319	(5 1.00)
02473+5738	(4 1.00)	14302-6026	(2 1.00)	17388-1645	(5 1.00)
02547+1106	(3 1.00)	14337-6215	(5 1.00)	17389-2045	(2 1.00)
03030+5532	(4 1.00)	14352-5537	(0 1.00)	17433-2523	(1 1.00)
03598-1353	(0 1.00)	14431-5618	(0 1.00)	17434-3414	(3 1.00)
04209+4800	(0 1.00)	14436-5736	(0 1.00)	17473-2751	(2 1.00)
04404-7427	(1 1.00)	14453-4920	(1 1.00)	17484-0800	(1 1.00)
04554+4437	(0 1.00)	14531-5337	(3 1.00)	17485-2209	(4 1.00)
04566+5606	(1 1.00)	14591-4438	(5 1.00)	17545-2339	(0 1.00)
05151+6312	(1 1.00)	15060+0947	(4 1.00)	17552-1254	(2 1.00)
05423+2905	(1 1.00)	15073-6454	(0 1.00)	17558-1913	(0 1.00)
05535+4822	(1 1.00)	15226-3603	(1 1.00)	18018-2802	(1 1.00)
05543+5002	(2 1.00)	15255+1944	(1 1.00)	18044-2927	(4 1.00)
05559+3825	(5 1.00)	15269-4400	(1 1.00)	18050-2213	(5 1.00)
06193-0349	(5 1.00)	15332-6430	(5 1.00)	18076+3445	(3 1.00)
06255-4928	(1 1.00)	15468-5018	(0 1.00)	18112+1227	(0 1.00)
06300+6058	(3 1.00)	15527-6041	(0 1.00)	18165-2629	(2 1.00)
07054-1039	(1 1.00)	15569-6135	(2 1.00)	18171-1219	(0 1.00)
07153-2411	(5 1.00)	15570-5515	(1 1.00)	18251-3234	(0 1.00)
07284-0940	(5 1.00)	16011-5424	(1 1.00)	18314-1131	(5 1.00)
07308+3037	(5 1.00)	16030-5156	(5 1.00)	18325-1138	(5 1.00)
07329-2352	(5 1.00)	16030-5928	(0 1.00)	18328-1728	(2 1.00)
08124-4133	(4 1.00)	16052-4525	(0 1.00)	18349+1023	(5 1.00)
08380-1438	(0 1.00)	16091-1655	(0 1.00)	18361-1111	(0 1.00)
08400-4755	(4 1.00)	16151-4810	(0 1.00)	18366-0322	(0 1.00)
08491-5134	(4 1.00)	16218-4701	(3 1.00)	18409+1220	(4 1.00)
08500-3254	(4 1.00)	16219-5048	(3 1.00)	18413+1354	(1 1.00)
08571-5901	(4 1.00)	16254-4950	(4 1.00)	18425+1727	(0 1.00)
09072-5933	(3 1.00)	16260+3454	(1 0.84)	18425-1014	(0 1.00)
09194-4518	(2 1.00)	16264-5309	(0 1.00)	18436+4334	(5 1.00)
09235-2347	(1 1.00)	16270-5213	(4 1.00)	18451-0824	(1 1.00)
09429-2148	(3 1.00)	16292-5004	(3 1.00)	18484-1055	(0 1.00)
09503-5439	(3 1.00)	16314-5018	(0 1.00)	18512+2029	(2 1.00)
10106-6538	(0 1.00)	16340-4634	(3 1.00)	18512-0934	(0 1.00)
10161-5633	(4 1.00)	16349-4031	(2 1.00)	18517-0407	(0 1.00)
10321-6021	(1 1.00)	16407-5639	(2 1.00)	18545+1040	(4 0.96)
10401-5327	(4 1.00)	16409-5128	(0 1.00)	18556+0811	(3 1.00)
10416-6313	(4 1.00)	16410-5240	(2 1.00)	18560-2954	(1 1.00)
10484-5943	(4 1.00)	16486-3014	(2 1.00)	18567+1046	(0 1.00)
10495-5815	(2 1.00)	16541-5335	(3 1.00)	18595-3947	(5 1.00)
10520-6049	(4 1.00)	16559-2557	(2 1.00)	19042-4858	(1 1.00)
10521-6146	(2 1.00)	16561-3459	(4 1.00)	19059-2219	(3 1.00)
11525-5057	(1 1.00)	16574-1032	(1 1.00)	19093-3256	(1 1.00)
12020+0254	(0 1.00)	16581-4058	(3 1.00)	19098-1502	(5 1.00)
12310-6233	(3 1.00)	17001-2029	(1 1.00)	19157-1706	(1 1.00)
12377-6102	(3 1.00)	17020-5254	(2 1.00)	19186+1657	(2 1.00)
12379-4959	(1 1.00)	17025-4719	(1 1.00)	19206-0241	(2 1.00)
12563-6100	(4 1.00)	17102-1031	(4 1.00)	1°231+3555	(1 1.00)
13141-6119	(5 1.00)	17103-0559	(1 1.00)	19240+3615	(3 1.00)
13283-5839	(5 1.00)	17104-3146	(3 1.00)	19252+2201	(4 1.00)
13340-6613	(0 1.00)	17114-2448	(0 1.00)	19267+0345	(4 1.00)
13350-7221	(2 1.00)	17119+0859	(3 1.00)	19270+2239	(2 1.00)

TABLE 11.– CONCLUDED.

Name	AutoClass	Name	AutoClass	Name	AutoClass
19313-3021	(2 1.00)	19586+3637	(2 0.94)	21120+0736	(2 1.00)
19329+2641	(5 1.00)	19591+1817	(0 1.00)	21206-4054	(1 1.00)
19361-1658	(2 1.00)	20042-4241	(3 1.00)	21286+1055	(5 1.00)
19375+4322	(2 1.00)	20052+0554	(2 1.00)	21468+3942	(2 1.00)
19386+1513	(2 1.00)	20135-7152	(1 1.00)	21563+5630	(5 1.00)
19396+1637	(1 1.00)	20156+2130	(2 1.00)	22017+2806	(4 1.00)
19406+4715	(2 1.00)	20233+3343	(4 1.00)	22097+5647	(4 1.00)
19422+3506	(3 1.00)	20234-1357	(3 1.00)	22282+5644	(4 1.00)
19442-0829	(3 1.00)	20381+5001	(2 1.00)	22345+5809	(2 1.00)
19454+0355	(2 1.00)	20403+3700	(5 1.00)	23213-4521	(3 1.00)
19474-0744	(1 1.00)	20425+3218	(0 1.00)	23365+5159	(5 1.00)
19495+0835	(3 1.00)	20444+0540	(2 1.00)	23425+4338	(5 1.00)
19520+0533	(4 1.00)	20484-7202	(1 1.00)	23496+6131	(5 1.00)
19553+3941	(3 1.00)	20549+5245	(3 1.00)		

TABLE 12.– CROSS-REFERENCE BY AUTOCLASS CLASS OF SPLIT CLASS 8/β1.

AutoClass classifications for the 171 LRS spectra
in >taylor>autoclass-x>data>lrs-5425>spectra-class8.base,
using the 154137.28 MML classification in
>taylor>autoclass-x>data>lrs-5425>disperse>spectra-80-1/8-10.wt-set.

SORTED BY AUTOCLASS CLASSIFICATION.

AUTOCLASS CLASS = 0

Name	Cl	Nid	Cat	Source		Type	In	Prob
01251+1626	28	4	1	ST	PSC		5	1.00
01265+4624	28	4	1	CE	AND		4	1.00
03227-1231	28	5	1	VX	ERI		3	1.00
04560-0608	28	3	1	UV	ERI		6	1.00
06241+1025	29	3	4	TMSS	+10123		5	1.00
06582-1512	29						4	1.00
07019-1631	28	3	4	TMSS	-20117		4	1.00
08085-3238	29						5	1.00
08211-3302	29						5	1.00
09224-3030	29						5	1.00
09285-5047	28						5	1.00
09419-5658	29						4	1.00
10153-5540	25						5	1.00
11211-6106	29						6	1.00
11485-4849	29						5	1.00
13189-6135	28						5	1.00
15216-5906	28						4	1.00
15319-4552	29						5	1.00
16057-4312	28						3	1.00
16283-3447	29						3	1.00
16442-3123	29						4	1.00
16464-5509	28						4	1.00
16466-6903	27						5	1.00
16548-3514	28						6	1.00
17044-4838	29						4	1.00
17067-4042	29						9	1.00
17198-4336	28						8	1.00
17230+0113	29	1	3	RAFGL	6826S		7	1.00
17589-3757	29	1	1	AG	CRA		5	1.00
18028-4455	29						4	1.00
18098-2435	29	1	23	LDN	0208		4	1.00
18166-2353	29						4	1.00
18220-3756	29						5	1.00
18392+0623	27	6	1	WY	OPH		4	1.00
18406-4324	29	1	1	V388	CRA		8	1.00
18452-1948	29						4	1.00
18580-0747	29	1	39	OU-097			4	1.00
19224+0732	29	1	8	EIC	766		4	1.00
19238+0211	29	1	1	V366	AQL		5	1.00
19320+1951	27						5	1.00
19321+3716	29						4	1.00
19425+3323	29						5	1.00
19561+2958	29						3	1.00
19580+4151	29						4	1.00
20046-8131	29						5	1.00
20095+3533	28	4	1	V430	CYG		4	1.00
20194+1707	29	1	1	UW	DEL		4	1.00
20320+1534	29	1	1	AF	DEL		4	1.00
20350+5954	29	4	17	2919		N,R,C	5	1.00
20351+3450	29	1	23	LDN	0870		4	1.00
20545+6650	29	1	1	FQ	CEP		3	1.00
21094+2808	28						4	1.00
23024+6729	29						5	1.00

TABLE 12.– CONTINUED.

AUTOCLASS CLASS = 1

Name	Cl	Nid	Cat	Source		Type	In	Prob
00193-4033	28						36	1.00
05052-8420	27	1	16	01835			28	1.00
06011+2829	28	4	1	BS	AUR		9	1.00
06036-2411	26	5	15	2156		M6III	32	1.00
06278+2729	27	5	1	DW	GEM		19	1.00
06500+0829	28	5	1	GX	MON		84	1.00
07152-3444	29	2	16	03513		ME	23	1.00
07304-2032	29	4	1	Z	PUP		16	1.00
07445-2613	29	2	1	SS	PUP		9	1.00
08084-1510	29	4	1	DP	PUP		7	1.00
12462-6418	29						14	1.00
14106-2940	29	2	16	06588		M7	8	1.00
16161-4330	26						9	1.00
17010-4323	28						15	1.00
17115-3322	27	2	1	RW	SCO		13	1.00
17139+0446	27	5	1	UY	OPH		7	1.00
17334+1537	29	5	1	MW	HER		19	1.00
17426-2222	28						7	1.00
17570-3713	29	2	1	EK	CRA		12	1.00
18009-2019	29	5	16	10099		M8	68	1.00
18076-1034	28	4	16	10306		M8	18	1.00
18238-2542	28	4	1	HO	SGR		8	1.00
18243+0352	26	6	1	V988	OPH		11	1.00
18502-0253	28						8	1.00
19536+3237	28	4	1	V468	CYG		13	1.00
19550-0201	27	6	1	RR	AQL		39	1.00
20165+3413	27	5	1	AU	CYG		11	1.00
20350+3741	29	4	16	13180		M9	15	1.00
20440-0105	27	5	16	13284		M8	20	1.00
20541-6549	29						21	1.00
21044-1637	27	5	1	RS	CAP		28	1.00
21270+7135	29	4	16	13743		M5	12	1.00
21456+6422	28	5	1	RT	CEP		22	1.00
22456+5453	27	5	1	U	LAC		15	1.00
22516+0838	29	5	2	DO	7912		14	1.00

AUTOCLASS CLASS = 2

Name	Cl	Nid	Cat	Source		Type	In	Prob
02234-0024	29	4	1	R	CET		5	1.00
07080-5948	28	1	16	03436			8	1.00
09203-5220	28	3	1	WY	VEL	M2pe	36	1.00
10189-3432	28	1	1	V	ANT		10	1.00
10261-5055	27	1	1	VZ	VEL		6	1.00
11494-5620	29						7	1.00
12274-7647	04						14	1.00
12562+2324	28	2	1	T	COM		5	1.00
13172+4547	29	5	1	V	CVN		16	1.00
14086-2839	26	4	1	RU	HYA		11	1.00
14251-3246	29						5	1.00
14301-5734	04						8	1.00
14477-5812	26						5	1.00
15262+0400	27	4	2	DO	3747		7	1.00
16473-2528	29	1	1	AF	SCO		5	1.00
17296+3231	28	1	1	KT	HER		4	1.00
17319-4319	28						5	1.00
17579+2335	29	6	1	WY	HER		9	1.00
18172-2305	28						9	1.00

TABLE 12.– CONTINUED.

AUTOCLASS CLASS = 2 (continued)

Name	Cl	Nid	Cat	Source		Type	In	Prob
18178-5249	28	1	1	TY	TEL		6	1.00
18286-4453	29	1	16	10949			7	1.00
18485-5450	27						5	1.00
19152-3640	29	1	1	V924	SGR		7	1.00
19198+0501	29						5	1.00
19224+3213	29						4	1.00
19394+4840	29	4	1	V391	CYG		5	1.00
19525+2648	29						5	1.00
20109+3205	29	6	1	V557	CYG		8	1.00
20296-2151	28	4	1	RU	CAP		6	1.00
21419+5832	28	6	15	8316		M2Iae	167	1.00

AUTOCLASS CLASS = 3

Name	Cl	Nid	Cat	Source		Type	In	Prob
02351-2711	29	4	16	00878		M9	55	1.00
05411+6957	29	5	16	02601		M8	91	1.00
06398-0936	29						6	1.00
07021-0852	29	5	1	HN	MON		14	1.00
07051+6601	29	3	4	TMSS	+70074		8	1.00
07118-3438	29						6	1.00
08220-0821	29	5	1	FK	HYA		28	1.00
10118-6038	29	2	1	SU	CAR	Md	8	1.00
10359-5955	29						17	1.00
10389-5306	29						5	1.00
12559-6041	29						9	1.00
14266-4211	29						6	1.00
15576-1212	29	3	1	FS	LIB		8	1.00
17361+5746	28	4	1	TY	DRA		9	1.00
17566-3555	29	3	1	V540	SGR		10	1.00
18221+0345	29						6	1.00
18226-2155	29						5	1.00
18276+8236	28	2	16	10931			8	1.00
18429-1721	29	3	4	TMSS	-20514		13	1.00
18459-1144	29						5	1.00
18540+3005	29	4	16	11563		M9	8	1.00
19271+1354	29						6	1.00
19412+0337	29	5	16	12342		M9	16	1.00
20161-1600	28	4	1	AE	CAP		7	1.00
20529+3013	29	5	1	UX	CYG		26	1.00
21069-3843	29	1	3	RAFGL	5592		20	1.00
22231-4529	29						14	1.00
22233+3013	29	4	1	RV	PEG		17	1.00
23504+6043	29	6	1	TZ	CAS		11	1.00

AUTOCLASS CLASS = 4

Name	Cl	Nid	Cat	Source		Type	In	Prob
00340+6251	28	4	1	TY	CAS		7	1.00
01597+5459	26	4	1	XX	PER		9	1.00
05150-4056	29	1	16	01911			5	1.00
06088+2152	28	6	15	2190		M0-1Iab	13	1.00
06363+5954	27	4	1	U	LYN		17	1.00
06423+0905	28	4	1	FX	MON		8	1.00
06431+1543	27	1	1	UX	GEM		5	1.00
06582+1048	28	2	1	BI	MON		6	1.00
10541-5936	28						5	1.00

TABLE 12.– CONCLUDED.

AUTOCLASS CLASS = 4 (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
11492-6052	27	2	13	251615	M2 (IB)	6	1.00
13342-5321	27	1	1	CE CEN		5	1.00
14020-3515	29	2	1	AQ CEN		29	1.00
15568-4513	29					21	1.00
16198-4654	29					6	1.00
17041-7223	28	1	16	08202		4	1.00
17456-3454	28					5	1.00
17540-1919	28	4	1	VV SGR		12	1.00
18213+0335	28	4	4	TMSS 00349		12	1.00
19095-2311	29	1	1	V1256 SGR		8	1.00
20042+1040	28	1	1	V466 AQL		5	1.00
20047+1248	28	5	1	SY AQL		9	0.99
20264+4319	27					8	1.00
21105+4746	28	2	23	LDN 0975		4	1.00
21509+6234	27	1	3	RAFGL 56463		4	1.00

TABLE 13.– CROSS-REFERENCE BY IRAS NAME OF SPLIT CLASS 8/β1.

AutoClass classifications for the 171 LRS spectra
in >taylor>autoclass-x>data>lrs-5425>SPECTRA-CLASS8.BASE,
using the 117519.24 MML classification in
>taylor>autoclass-x>data>lrs-5425>DISPERSE>SPECTRA-80-1/8-10.WT-SET.

SORTED BY LRS NAME.

Name	AutoClass	Name	AutoClass	Name	AutoClass
00193-4033	(1 1.00)	13342-5321	(4 1.00)	18406-4324	(0 1.00)
00340+6251	(4 1.00)	14020-3515	(4 1.00)	18429-1721	(3 1.00)
01251+1626	(0 1.00)	14086-2839	(2 1.00)	18452-1948	(0 1.00)
01265+4624	(0 1.00)	14106-2940	(1 1.00)	18459-1144	(3 1.00)
01597+5459	(4 1.00)	14251-3246	(2 1.00)	18485-5450	(2 1.00)
02234-0024	(2 1.00)	14266-4211	(3 1.00)	18502-0253	(1 1.00)
02351-2711	(3 1.00)	14301-5734	(2 1.00)	18540+3005	(3 1.00)
03227-1231	(0 1.00)	14477-5812	(2 1.00)	18580-0747	(0 1.00)
04560-0608	(0 1.00)	15216-5906	(0 1.00)	19095-2311	(4 1.00)
05052-8420	(1 1.00)	15262+0400	(2 1.00)	19152-3640	(2 1.00)
05150-4056	(4 1.00)	15319-4552	(0 1.00)	19198+0501	(2 1.00)
05411+6957	(3 1.00)	15568-4513	(4 1.00)	19224+0732	(0 1.00)
06011+2829	(1 1.00)	15576-1212	(3 1.00)	19224+3213	(2 1.00)
06036-2411	(1 1.00)	16057-4312	(0 1.00)	19238+0211	(0 1.00)
06088+2152	(4 1.00)	16161-4330	(1 1.00)	19271+1354	(3 1.00)
06241+1025	(0 1.00)	16198-4654	(4 1.00)	19320+1951	(0 1.00)
06278+2729	(1 1.00)	16283-3447	(0 1.00)	19321+3716	(0 1.00)
06363+5954	(4 1.00)	16442-3123	(0 1.00)	19394+4840	(2 1.00)
06398-0936	(3 1.00)	16464-5509	(0 1.00)	19412+0337	(3 1.00)
06423+0905	(4 1.00)	16466-6903	(0 1.00)	19425+3323	(0 1.00)
06431+1543	(4 1.00)	16473-2528	(2 1.00)	19525+2648	(2 1.00)
06500+0829	(1 1.00)	16548-3514	(0 1.00)	19536+3237	(1 1.00)
06582+1048	(4 1.00)	17010-4323	(1 1.00)	19550-0201	(1 1.00)
06582-1512	(0 1.00)	17041-7223	(4 1.00)	19561+2958	(0 1.00)
07019-1631	(0 1.00)	17044-4838	(0 1.00)	19580+4151	(0 1.00)
07021-0852	(3 1.00)	17067-4042	(0 1.00)	20042+1040	(4 1.00)
07051+6601	(3 1.00)	17115-3322	(1 1.00)	20046-8131	(0 1.00)
07080-5948	(2 1.00)	17139+0446	(1 1.00)	20047+1248	(4 0.99)
07118-3438	(3 1.00)	17198-4336	(0 1.00)	20095+3533	(0 1.00)
07152-3444	(1 1.00)	17230+0113	(0 1.00)	20109+3205	(2 1.00)
07304-2032	(1 1.00)	17296+3231	(2 1.00)	20161-1600	(3 1.00)
07445-2613	(1 1.00)	17319-4319	(2 1.00)	20165+3413	(1 1.00)
08084-1510	(1 1.00)	17334+1537	(1 1.00)	20194+1707	(0 1.00)
08085-3238	(0 1.00)	17361+5746	(3 1.00)	20264+4319	(4 1.00)
08211-3302	(0 1.00)	17426-2222	(1 1.00)	20296-2151	(2 1.00)
08220-0821	(3 1.00)	17456-3454	(4 1.00)	20320+1534	(0 1.00)
09203-5220	(2 1.00)	17540-1919	(4 1.00)	20350+3741	(1 1.00)
09224-3030	(0 1.00)	17566-3555	(3 1.00)	20350+5954	(0 1.00)
09285-5047	(0 1.00)	17570-3713	(1 1.00)	20351+3450	(0 1.00)
09419-5658	(0 1.00)	17579+2335	(2 1.00)	20440-0105	(1 1.00)
10118-6038	(3 1.00)	17589-3757	(0 1.00)	20529+3013	(3 1.00)
10153-5540	(0 1.00)	18009-2019	(1 1.00)	20541-6549	(1 1.00)
10189-3432	(2 1.00)	18028-4455	(0 1.00)	20545+6650	(0 1.00)
10261-5055	(2 1.00)	18076-1034	(1 1.00)	21044-1637	(1 1.00)
10359-5955	(3 1.00)	18098-2435	(0 1.00)	21069-3843	(3 1.00)
10389-5306	(3 1.00)	18166-2353	(0 1.00)	21094+2808	(0 1.00)
10541-5936	(4 1.00)	18172-2305	(2 1.00)	21105+4746	(4 1.00)
11211-6106	(0 1.00)	18178-5249	(2 1.00)	21270+7135	(1 1.00)
11485-4849	(0 1.00)	18213+0335	(4 1.00)	21419+5832	(2 1.00)
11492-6052	(4 1.00)	18220-3756	(0 1.00)	21456+6422	(1 1.00)
11494-5620	(2 1.00)	18221+0345	(3 1.00)	21509+6234	(4 1.00)
12274-7647	(2 1.00)	18226-2155	(3 1.00)	22231-4529	(3 1.00)
12462-6418	(1 1.00)	18238-2542	(1 1.00)	22233+3013	(3 1.00)
12559-6041	(3 1.00)	18243+0352	(1 1.00)	22456+5453	(1 1.00)
12562+2324	(2 1.00)	18276+8236	(3 1.00)	22516+0838	(1 1.00)
13172+4547	(2 1.00)	18286-4453	(2 1.00)	23024+6729	(0 1.00)
13189-6135	(0 1.00)	18392+0623	(0 1.00)	23504+6043	(3 1.00)

TABLE 14.– CROSS-REFERENCE BY AUTOCLASS CLASS OF SPLIT CLASS 9/β2.

AutoClass classifications for the 144 LRS spectra
in >taylor>autoclass-x>data>lrs-5425>spectra-class9.base,
using the 138435.63 MML classification in
>taylor>autoclass-x>data>lrs-5425>disperse>spectra-80-1/9-10.wt-set.

SORTED BY AUTOCLASS CLASSIFICATION.

AUTOCLASS CLASS = 0

Name	Cl	Nid	Cat	Source	Type	In	Prob
00474+6246	27					3	1.00
02391+3211	26	4	2	DO 9477		3	1.00
03022+5409	29					3	1.00
04085+5347	27					4	1.00
05434+5631	27					2	1.00
05438+0217	27	2	4	TMSS 00086		4	1.00
07253-6417	26	1	16	03599		3	1.00
07365-0859	14	2	4	TMSS -10173		3	1.00
09357-4309	27					3	1.00
12150-6320	25	3	1	AO CRU	M0 IA/IB	3	1.00
12372-6034	28					2	1.00
13317-5114	28	1	1	EU CEN		4	1.00
13466-3512	65					4	1.00
13556-6023	28					4	1.00
14275-5558	27					3	1.00
14369-6146	27					3	1.00
14595-4124	29					4	1.00
15097-5234	26					3	0.97
15297-6040	26	1	1	RX TRA		4	1.00
15373-4953	29					3	1.00
15431-6324	26					3	1.00
16047-5031	69					5	1.00
16156-2837	27	4	16	07606		5	1.00
16190-5146	28					3	1.00
16290-3741	26					3	1.00
16447-4142	27					4	1.00
16502-4051	27					4	1.00
17237-3011	66					3	1.00
17255-5355	25	1	1	FH ARA		3	1.00
17256+0504	26	3	4	TMSS +10329		3	1.00
17262-3801	27					4	1.00
17266-2319	25					3	1.00
17296-3155	26					4	1.00
17373-3446	27					4	1.00
17379-1006	28					3	1.00
17399-2204	28					4	1.00
17495-1704	29					4	0.99
17497-3128	27					4	1.00
17518-3633	26					3	1.00
17589-2419	29					4	1.00
18060-3451	27					3	1.00
18089-3415	26					4	1.00
18091-1656	27					4	1.00
18099-1449	26					4	1.00
18106-3231	27					4	1.00
18324-1751	28					3	1.00
18364-3915	28					3	1.00
18367-6047	29	1	16	11160		3	1.00
18433+0524	29					4	1.00
18501-0134	26	1	23	LDN 0589		4	1.00
18508-4916	29					3	0.99
18532-0515	27					3	1.00
18572+0618	27					3	1.00
19014+2904	25	4	1	YZ LYR		4	1.00
19021+0936	26					3	1.00
19032+1715	27	3	4	TMSS +20386		3	1.00
19076+0614	26					3	1.00

TABLE 14.– CONTINUED.

AUTOCLASS CLASS = 0 (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
19143+1817	27					4	1.00
19235+0324	28	3	1	V364 AQL		4	1.00
19454+2536	28					3	1.00
19507+2929	26					3	1.00
19568-0002	27	1	1	V566 AQL		3	1.00
20000+4954	69	5	1	Z CYG		9	1.00
20003-5552	26	3	1	RR TEL		4	1.00
20174+3821	67					3	1.00
20290+6652	27					3	0.97
20343-3020	28	1	1	RT MIC		3	1.00
21046-2407	27	1	1	V CAP		3	1.00
21216+5536	29					3	1.00
22466+6942	29					3	1.00
22531+5455	26	2	4	TMSS +50451		4	1.00

AUTOCLASS CLASS = 1

Name	Cl	Nid	Cat	Source	Type	In	Prob
00479+4614	29					5	1.00
02433+6345	29					4	1.00
03008+5637	29					3	1.00
03287-1535	29					8	1.00
06329-0106	29					5	1.00
07045+2418	29					3	1.00
07200-1846	29					3	1.00
10311-5506	29					3	1.00
11482-6633	29					4	1.00
11567-6256	29					4	1.00
11589-6447	29					4	1.00
12041-5050	29					4	1.00
12309-5624	29					5	0.99
12538-6446	69					4	1.00
13349-6453	29					4	1.00
13583-5413	69					3	1.00
14113-5334	29					4	1.00
14169-6529	29					4	1.00
14344-6835	29	1	16	06734		3	1.00
15291-5527	29					3	1.00
16163-4824	69					3	1.00
16241-0230	28	3	1	V707 OPH		3	1.00
16368-5604	29					3	1.00
16372-2347	69	2	7	150193		4	1.00
16375-6109	69					3	1.00
16482-2932	29					4	1.00
17122-2019	29	2	1	V1695 OPH		4	1.00
18162-0922	29					5	1.00
18246-6456	29	1	16	10827		4	1.00
18321-1547	29					3	1.00
18375+0510	29					4	1.00
18432+1343	28					4	0.97
18459-0624	29					3	1.00
18516-0652	29					3	1.00
19036-0002	29					4	1.00
19291+0502	29	1	1	V1248 AQL		4	1.00
19441+4520	29					4	1.00
19494+2701	29					4	1.00
19499+2141	29					3	1.00
20168-7849	29					5	1.00
20423+2742	29					3	1.00
22189-6107	69	1	1	UU TUC		5	1.00

TABLE 14.– CONCLUDED.

AUTOCLASS CLASS = 2

Name	Cl	Nid	Cat	Source	Type	In	Prob
07479-3925	28					4	1.00
08098-4547	69					4	1.00
10033-5950	29					3	1.00
10127-6026	29					3	1.00
11016-6000	29	1	40		A0 V	4	1.00
12319-5905	29					4	1.00
13190-6251	28					3	1.00
14207-6556	29					4	0.95
14507-6401	27					3	1.00
15238-5951	28					3	1.00
16156-5613	29					9	1.00
16222-5144	29					3	1.00
16389-4932	29					4	1.00
17062-2758	29					3	1.00
17386-3257	69					4	1.00
17403-3744	29					4	1.00
17496-3107	28					6	1.00
17518-1014	27	2	4	TMSS -10384		4	1.00
18290-2459	29	3	16	10970	M	7	1.00
18359-0551	67					4	1.00
18449-0454	29	1	23	LDN 0528		3	1.00
18549+0905	29					5	1.00
18552-0600	28					3	1.00
19088+1129	29					3	1.00
19124-2523	29					4	1.00
19195+0522	29					3	1.00
20127+2430	29					3	1.00
20171+2732	28					4	1.00
20571-3706	29					4	1.00
22103+5120	29					3	1.00
23485+5212	28					3	1.00

TABLE 15.– CROSS-REFERENCE BY IRAS NAME OF SPLIT CLASS 9/β2.

AutoClass classifications for the 144 LRS spectra
in >taylor>autoclass-x>data>lrs-5425>SPECTRA-CLASS9.BASE,
using the 107599.42 MML classification in
>taylor>autoclass-x>data>lrs-5425>DISPERSE>SPECTRA-80-1/9-10.WT-SET.

SORTED BY LRS NAME.

Name	AutoClass	Name	AutoClass	Name	AutoClass
00474+6246	(0 1.00)	15297-6040	(0 1.00)	18364-3915	(0 1.00)
00479+4614	(1 1.00)	15373-4953	(0 1.00)	18367-6047	(0 1.00)
02391+3211	(0 1.00)	15431-6324	(0 1.00)	18375+0510	(1 1.00)
02433+6345	(1 1.00)	16047-5031	(0 1.00)	18432+1343	(1 0.97)
03008+5637	(1 1.00)	16156-2837	(0 1.00)	18433+0524	(0 1.00)
03022+5409	(0 1.00)	16156-5613	(2 1.00)	18449-0454	(2 1.00)
03287-1535	(1 1.00)	16163-4824	(1 1.00)	18459-0624	(1 1.00)
04085+5347	(0 1.00)	16190-5146	(0 1.00)	18501-0134	(0 1.00)
05434+5631	(0 1.00)	16222-5144	(2 1.00)	18508-4916	(0 0.99)
05438+0217	(0 1.00)	16241-0230	(1 1.00)	18516-0652	(1 1.00)
06329-0106	(1 1.00)	16290-3741	(0 1.00)	18532-0515	(0 1.00)
07045+2418	(1 1.00)	16368-5604	(1 1.00)	18549+0905	(2 1.00)
07200-1846	(1 1.00)	16372-2347	(1 1.00)	18552-0600	(2 1.00)
07253-6417	(0 1.00)	16375-6109	(1 1.00)	18572+0618	(0 1.00)
07365-0859	(0 1.00)	16389-4932	(2 1.00)	19014+2904	(0 1.00)
07479-3925	(2 1.00)	16447-4142	(0 1.00)	19021+0936	(0 1.00)
08098-4547	(2 1.00)	16482-2932	(1 1.00)	19032+1715	(0 1.00)
09357-4309	(0 1.00)	16502-4051	(0 1.00)	19036-0002	(1 1.00)
10033-5950	(2 1.00)	17062-2758	(2 1.00)	19076+0614	(0 1.00)
10127-6026	(2 1.00)	17122-2019	(1 1.00)	19088+1129	(2 1.00)
10311-5506	(1 1.00)	17237-3011	(0 1.00)	19124-2523	(2 1.00)
11016-6000	(2 1.00)	17255-5355	(0 1.00)	19143+1817	(0 1.00)
11482-6633	(1 1.00)	17256+0504	(0 1.00)	19195+0522	(2 1.00)
11567-6256	(1 1.00)	17262-3801	(0 1.00)	19235+0324	(0 1.00)
11589-6447	(1 1.00)	17266-2319	(0 1.00)	19291+0502	(1 1.00)
12041-5050	(1 1.00)	17296-3155	(0 1.00)	19441+4520	(1 1.00)
12150-6320	(0 1.00)	17373-3446	(0 1.00)	19454+2536	(0 1.00)
12309-5624	(1 0.99)	17379-1006	(0 1.00)	19494+2701	(1 1.00)
12319-5905	(2 1.00)	17386-3257	(2 1.00)	19499+2141	(1 1.00)
12372-6034	(0 1.00)	17399-2204	(0 1.00)	19507+2929	(0 1.00)
12538-6446	(1 1.00)	17403-3744	(2 1.00)	19568-0002	(0 1.00)
13190-6251	(2 1.00)	17495-1704	(0 0.99)	20000+4954	(0 1.00)
13317-5114	(0 1.00)	17496-3107	(2 1.00)	20003-5552	(0 1.00)
13349-6453	(1 1.00)	17497-3128	(0 1.00)	20127+2430	(2 1.00)
13466-3512	(0 1.00)	17518-1014	(2 1.00)	20168-7849	(1 1.00)
13556-6023	(0 1.00)	17518-3633	(0 1.00)	20171+2732	(2 1.00)
13583-5413	(1 1.00)	17589-2419	(0 1.00)	20174+3821	(0 1.00)
14113-5334	(1 1.00)	18060-3451	(0 1.00)	20290+6652	(0 0.97)
14169-6529	(1 1.00)	18089-3415	(0 1.00)	20343-3020	(0 1.00)
14207-6556	(2 0.95)	18091-1656	(0 1.00)	20423+2742	(1 1.00)
14275-5558	(0 1.00)	18099-1449	(0 1.00)	20571-3706	(2 1.00)
14344-6835	(1 1.00)	18106-3231	(0 1.00)	21046-2407	(0 1.00)
14369-6146	(0 1.00)	18162-0922	(1 1.00)	21216+5536	(0 1.00)
14507-6401	(2 1.00)	18246-6456	(1 1.00)	22103+5120	(2 1.00)
14595-4124	(0 1.00)	18290-2459	(2 1.00)	22189-6107	(1 1.00)
15097-5234	(0 0.97)	18321-1547	(1 1.00)	22466+6942	(0 1.00)
15238-5951	(2 1.00)	18324-1751	(0 1.00)	22531+5455	(0 1.00)
15291-5527	(1 1.00)	18359-0551	(2 1.00)	23485+5212	(2 1.00)

TABLE 16.– CROSS-REFERENCE BY AUTOCLASS CLASS OF SPLIT CLASS 15/β8.

AutoClass classifications for the 172 LRS spectra
in >taylor>autoclass-x>data>lrs-5425>spectra-class15.base,
using the 154214.75 MML classification in
>taylor>autoclass-x>data>lrs-5425>disperse>spectra-80-1/15-10.wt-set.

SORTED BY AUTOCLASS CLASSIFICATION.

AUTOCLASS CLASS = 0

Name	Cl	Nid	Cat	Source		Type	In	Prob
01041+4908	26	3	16	00401		M9	4	1.00
01217+2341	23	3	13	74694		M3	7	0.99
01519+0427	24	4	4	TMSS	00028		4	1.00
02238-5947	24	2	1	S	HOR	ME	4	1.00
02384+3418	23	4	1	W	TRI		7	1.00
06403-1424	23	4	1	DY	CMA		7	1.00
08196+1509	24	4	1	Z	CNC		7	1.00
08260-7054	24						5	1.00
08456-3837	26						4	1.00
09590-5023	24						6	1.00
10111-6435	25	1	40			B9 V	4	1.00
11081-4203	25						4	1.00
11113-5949	26	2	40			M2/3	20	1.00
11163-3012	23	4	16	05170		M8	5	1.00
11473-2718	22	4	13	180222		M3III	7	1.00
11549-6833	25						3	1.00
12449+3838	26	3	1	U	CVN		5	1.00
15223-0203	24	5	2	DO	3724		16	1.00
15304-5704	24						6	0.99
16090-5939	23	1	1	SS	NOR		5	1.00
16406-3437	25						4	1.00
17034-1024	26	4	1	V850	OPH		5	1.00
17194-3354	25						6	1.00
17314-6402	23						5	1.00
17479-2927	25						8	1.00
17556+8039	24	3	4	TMSS	+80034		3	1.00
18100-2808	25	2	1	V1580	SGR		5	1.00
18181+2550	24	3	2	DO	16684		3	1.00
18498-4058	24						4	1.00
18520-1635	24	4	1	UX	SGR		14	1.00
18550+0023	24	5	1	UW	AQL		5	1.00
19044-2856	24	3	1	AG	SGR		4	1.00
19126-6941	24						5	1.00
19261-4024	24						3	1.00
19562+1552	15	5	1	V429	AQL		4	1.00
20259-4035	24	1	1	U	MIC		7	1.00
20297+3221	23	3	1	AI	CYG		5	1.00
21000+8251	23	2	1	X	CEP		4	1.00
21191+5609	22	3	16	13669		M6	4	1.00
21341+5101	26						4	1.00
22494-2534	23	3	4	TMSS	-30455		5	1.00

AUTOCLASS CLASS = 1

Name	Cl	Nid	Cat	Source		Type	In	Prob
00484+6238	22	4	1	VY	CAS		7	1.00
01145+5902	22	4	1	BQ	CAS		4	1.00
01217+6049	23	4	1	BT	CAS		8	1.00
01438+1850	23	5	1	SV	PSC		11	1.00
06027-1628	25	5	15	2148		A2eShell	16	1.00
07245+4605	23	7	19	230			21	1.00
07418-2850	24	7	15	2996		A2Iabe	29	1.00
08372-0924	24	4	1	RV	HYA		11	1.00
08375-1707	22	4	1	AK	HYA		31	1.00

TABLE 16.– CONTINUED.

AUTOCLASS CLASS = 1 (continued)

Name	Cl	Nid	Cat	Source		Type	In	Prob
08534-1901	23	4	16	04312			7	1.00
09481-4425	22	1	1	SZ	VEL		7	1.00
10411+6902	23	4	1	R	UMA		12	1.00
10456-5712	23	5	15	4226		M1II	21	1.00
11466-4128	23	3	1	X	CEN	Md	16	1.00
14003-7633	22	5	15	5261		M6.5III:	109	1.00
14247+0454	24	4	1	RS	VIR		14	1.00
14371+3245	22	5	1	RV	BOO		16	1.00
15545-4349	22	2	16	07357-		M0	7	1.00
16011+4722	24	7	1	X	HER		62	1.00
16211+3057	15	4	1	RY	CRB		5	1.00
16434-5850	22						5	1.00
17538-3728	24	2	1	V438	SCO		7	1.00
18125-7741	23	2	13	257579		M4/6	7	1.00
18367-2842	22	3	4	TMSS	-30392		5	1.00
18460+1903	22	5	1	MZ	HER		5	1.00
19039+0809	23	7	15	7243		M7IIIev	55	1.00
19098+6601	22	4	1	SZ	DRA		7	1.00
19250-6953	22	2	16	12042		MB	5	1.00
19306+0455	43	5	2	DO	5886		8	1.00
20094-1121	22	3	13	163335			9	1.00
20113+4917	24	5	1	AC	CYG		14	1.00
20417-0500	23	4	1	Y	AQR		6	1.00
20431+1754	23	5	15	7941		M5II-III	21	1.00
22142-8454	23	2	13	258927		M7III	20	1.00
22540-5740	22	3	13	247653		M8III	17	1.00
23528+4821	22	5	1	RS	AND		17	1.00

AUTOCLASS CLASS = 2

Name	Cl	Nid	Cat	Source		Type	In	Prob
00050-2546	26	4	1	SY	SCL		6	0.95
01527+1656	25	3	13	92697		MB	5	0.99
03449+5041	24	4	2	DO	27580		6	1.00
03503+6925	24	2	4	TMSS	+70048		4	1.00
05062+6658	25	2	16	01847			4	1.00
05390+1448	25	5	1	FX	ORI		5	1.00
06515+0051	25	5	1	QR	MON		4	1.00
10541-6325	27						6	1.00
11509-7534	26						5	1.00
12195-5527	26						4	1.00
12506-6004	04	6	16	06012		B2 IB	12	1.00
12543-5958	26						3	1.00
14117-5357	26						5	1.00
14281-6318	25	1	39	GN27			4	1.00
14286-4706	25						5	1.00
14455-5054	25						7	1.00
15566+3609	26	4	1	RS	CRB		7	1.00
16390-4354	24						5	1.00
17068-5745	25						6	1.00
17538-3118	23	3	4	TMSS	-30337		5	1.00
18009-4001	25						6	1.00
18057-2616	26	3	16	10254		M	8	1.00
18172-5544	24						5	1.00
18183+0554	27	6	1	V1014	OPH		4	1.00
18305-1408	26	5	13	161599		K5	6	1.00
18309-6955	24	3	1	RT	PAV	M4/5 III	7	1.00
20141+3113	26						4	1.00
20376+5320	24	4	1	V1202	CYG		3	1.00
21015+4859	27						4	1.00

TABLE 16.– CONTINUED.

AUTOCLASS CLASS = 2 (continued)

Name	Cl	Nid	Cat	Source		Type	In	Prob
22190-0751	25	5	1	DZ	AQR		11	1.00
22385+4944	25	4	1	GI	LAC		5	1.00
23236-6917	25						5	1.00
23261-6502	26	1	40			M6 III	4	1.00

AUTOCLASS CLASS = 3

Name	Cl	Nid	Cat	Source		Type	In	Prob
02145+7831	26	4	1	AG	CEP		5	1.00
02522-5005	24	3	15	868		M7III	88	1.00
03336-7636	26	1	1	X	MEN		6	1.00
03489-0131	24	5	1	SU	ERI		10	1.00
03505-0919	26						6	1.00
03511-4558	25	2	1	U	HOR	M6E	7	1.00
04094-2515	24	4	1	W	ERI		12	1.00
05096-4834	25	1	1	S	PIC		22	1.00
05351-0147	24	6	1	X	ORI		11	1.00
05528+2010	26	8	15	2063		M6.5IIIe	77	1.00
06038-0541	25	3	4	TMSS	-10109		6	1.00
06349-0121	25	5	1	SY	MON		16	1.00
06434-3628	23	2	1	CH	PUP		6	1.00
09273-5157	23	1	1	Y	VEL		12	1.00
10360-5633	24						8	1.00
12230-5943	23	2	1	ST	CRU		17	1.00
12295-5718	24	2	1	U	CRU	Md	7	1.00
15483+1517	24	5	15	5894		M7IIIe	25	1.00
17141-1737	25	3	1	V1769	OPH		8	1.00
17343+1052	25	1	1	V790	OPH		5	1.00
19188-1603	23	6	15	7342		B2Vpe+A2IaShell	16	1.00
19243+7135	24	4	1	YZ	DRA		7	1.00
19328+0035	25	4	1	V607	AQL		6	1.00
19356+1136	24	5	1	RT	AQL		13	1.00
19472+2127	23	3	4	TMSS	+20436		5	1.00
20392+1141	23	3	1	Y	DEL		5	1.00
21208+7737	26	4	1	GH	CEP		8	1.00
22000+5643	23	4	1	YY	CEP		5	1.00
22413+5929	26	4	16	14295		M4	8	1.00
22525-2952	22	5	1	V	PSA	M7/8 III	28	1.00
23558+5106	24	7	15	9066		M7IIIe	192	1.00

AUTOCLASS CLASS = 4

Name	Cl	Nid	Cat	Source		Type	In	Prob
02185+5622	25	5	1	SU	PER		7	1.00
02302+4525	24	4	1	UX	AND		16	1.00
03170+3150	25	4	1	UZ	PER		9	1.00
04140-8158	24	2	1	U	MEN		32	1.00
05098-6422	26	1	1	U	DOR		15	1.00
05367+3736	25	5	1	RU	AUR		20	1.00
05534+4530	25	5	1	TW	AUR		15	1.00
06092+2255	23	6	15	2197		M1-2Ia-Iab	11	1.00
06496-1858	26	4	1	DL	CMA		7	1.00
06546-2353	23	4	1	X	CMA		9	1.00
07585-1242	25	4	1	U	PUP		11	1.00
10403-7612	25						5	1.00
10423-5748	24						5	1.00
10521+7208	26	5	1	VX	UMA		5	1.00

TABLE 16.– CONCLUDED.

AUTOCLASS CLASS = 4 (continued)

Name	Cl	Nid	Cat	Source		Type	In	Prob
12151-4610	26	1	1	V370	CEN		8	1.00
12454-6659	26						9	1.00
14023-6018	26						8	1.00
14251-6256	26						12	1.00
14559-5446	24	2	1	Y	LUP	Md	9	1.00
15193+3132	24	4	1	S	CRB		25	1.00
16418+5459	24	3	1	S	DRA		17	1.00
16571-7548	27	1	1	CZ	APS		6	1.00
17190+2658	26	1	1	V393	HER		5	1.00
17329+5359	25	3	4	TMSS	+50267		5	1.00
17554+2946	26	4	1	AU	HER		4	1.00
18196+5030	26	3	16	10701		M9	4	0.98
19071+2934	26	3	1	V	LYR		5	1.00
19128+2159	26	4	16	11847		M9	6	1.00
19324+3033	26	1	1	HR	CYG		7	1.00
19503+2219	24	5	2	DO	18264		26	1.00
21389+5405	24	4	1	RU	CYG		23	1.00

TABLE 17.– CROSS-REFERENCE BY IRAS NAME OF SPLIT CLASS 15/β8.

```
AutoClass classifications for the 172 LRS spectra
in >taylor>autoclass-x>data>lrs-5425>spectra-class15.base,
using the 117382.61 MML classification in
>taylor>autoclass-x>data>lrs-5425>DISPERSE>SPECTRA-80-1/15-10.WT-SET.
```

SORTED BY LRS NAME.

Name	AutoClass	Name	AutoClass	Name	AutoClass
00050-2546	(2 0.95)	10456-5712	(1 1.00)	18125-7741	(1 1.00)
00484+6238	(1 1.00)	10521+7208	(4 1.00)	18172-5544	(2 1.00)
01041+4908	(0 1.00)	10541-6325	(2 1.00)	18181+2550	(0 1.00)
01145+5902	(1 1.00)	11081-4203	(0 1.00)	18183+0554	(2 1.00)
01217+2341	(0 0.99)	11113-5949	(0 1.00)	18196+5030	(4 0.98)
01217+6049	(1 1.00)	11163-3012	(0 1.00)	18305-1408	(2 1.00)
01438+1850	(1 1.00)	11466-4128	(1 1.00)	18309-6955	(2 1.00)
01519+0427	(0 1.00)	11473-2718	(0 1.00)	18367-2842	(1 1.00)
01527+1656	(2 0.99)	11509-7534	(2 1.00)	18460+1903	(1 1.00)
02145+7831	(3 1.00)	11549-6833	(0 1.00)	18498-4058	(0 1.00)
02185+5622	(4 1.00)	12151-4610	(4 1.00)	18520-1635	(0 1.00)
02238-5947	(0 1.00)	12195-5527	(2 1.00)	18550+0023	(0 1.00)
02302+4525	(4 1.00)	12230-5943	(3 1.00)	19039+0809	(1 1.00)
02384+3418	(0 1.00)	12295-5718	(3 1.00)	19044-2856	(0 1.00)
02522-5005	(3 1.00)	12449+3838	(0 1.00)	19071+2934	(4 1.00)
03170+3150	(4 1.00)	12454-6659	(4 1.00)	19098+6601	(1 1.00)
03336-7636	(3 1.00)	12506-6004	(2 1.00)	19126-6941	(0 1.00)
03449+5041	(2 1.00)	12543-5958	(2 1.00)	19128+2159	(4 1.00)
03489-0131	(3 1.00)	14003-7633	(1 1.00)	19188-1603	(3 1.00)
03503+6925	(2 1.00)	14023-6018	(4 1.00)	19243+7135	(3 1.00)
03505-0919	(3 1.00)	14117-5357	(2 1.00)	19250-6953	(1 1.00)
03511-4558	(3 1.00)	14247+0454	(1 1.00)	19261-4024	(0 1.00)
04094-2515	(3 1.00)	14251-6256	(4 1.00)	19306+0455	(1 1.00)
04140-8158	(4 1.00)	14281-6318	(2 1.00)	19324+3033	(4 1.00)
05062+6658	(2 1.00)	14286-4706	(2 1.00)	19328+0035	(3 1.00)
05096-4834	(3 1.00)	14371+3245	(1 1.00)	19356+1136	(3 1.00)
05098-6422	(4 1.00)	14455-5054	(2 1.00)	19472+2127	(3 1.00)
05351-0147	(3 1.00)	14559-5446	(4 1.00)	19503+2219	(4 1.00)
05367+3736	(4 1.00)	15193+3132	(4 1.00)	19562+1552	(0 1.00)
05390+1448	(2 1.00)	15223-0203	(0 1.00)	20094-1121	(1 1.00)
05528+2010	(3 1.00)	15304-5704	(0 0.99)	20113+4917	(1 1.00)
05534+4530	(4 1.00)	15483+1517	(3 1.00)	20141+3113	(2 1.00)
06027-1628	(1 1.00)	15545-4349	(1 1.00)	20259-4035	(0 1.00)
06038-0541	(3 1.00)	15566+3609	(2 1.00)	20297+3221	(0 1.00)
06092+2255	(4 1.00)	16011+4722	(1 1.00)	20376+5320	(2 1.00)
06349-0121	(3 1.00)	16090-5939	(0 1.00)	20392+1141	(3 1.00)
06403-1424	(0 1.00)	16211+3057	(1 1.00)	20417-0500	(1 1.00)
06434-3628	(3 1.00)	16390-4354	(2 1.00)	20431+1754	(1 1.00)
06496-1858	(4 1.00)	16406-3437	(0 1.00)	21000+8251	(0 1.00)
06515+0051	(2 1.00)	16418+5459	(4 1.00)	21015+4859	(2 1.00)
06546-2353	(4 1.00)	16434-5850	(1 1.00)	21191+5609	(0 1.00)
07245+4605	(1 1.00)	16571-7548	(4 1.00)	21208+7737	(3 1.00)
07418-2850	(1 1.00)	17034-1024	(0 1.00)	21341+5101	(0 1.00)
07585-1242	(4 1.00)	17068-5745	(2 1.00)	21389+5405	(4 1.00)
08196+1509	(0 1.00)	17141-1737	(3 1.00)	22000+5643	(3 1.00)
08260-7054	(0 1.00)	17190+2658	(4 1.00)	22142-8454	(1 1.00)
08372-0924	(1 1.00)	17194-3354	(0 1.00)	22190-0751	(2 1.00)
08375-1707	(1 1.00)	17314-6402	(0 1.00)	22385+4944	(2 1.00)
08456-3837	(0 1.00)	17329+5359	(4 1.00)	22413+5929	(3 1.00)
08534-1901	(1 1.00)	17343+1052	(3 1.00)	22494-2534	(0 1.00)
09273-5157	(3 1.00)	17479-2927	(0 1.00)	22525-2952	(3 1.00)
09481-4425	(1 1.00)	17538-3118	(2 1.00)	22540-5740	(1 1.00)
09590-5023	(0 1.00)	17538-3728	(1 1.00)	23236-6917	(2 1.00)
10111-6435	(0 1.00)	17554+2946	(4 1.00)	23261-6502	(2 1.00)
10360-5633	(3 1.00)	17556+8039	(0 1.00)	23528+4821	(1 1.00)
10403-7612	(4 1.00)	18009-4001	(2 1.00)	23558+5106	(3 1.00)
10411+6902	(1 1.00)	18057-2616	(2 1.00)		
10423-5748	(4 1.00)	18100-2808	(0 1.00)		

TABLE 18.– CROSS-REFERENCE BY AUTOCLASS CLASS OF SPLIT CLASS 18/β11.

AutoClass classifications for the 126 LRS spectra
in >taylor>autoclass-x>data>lrs-5425>spectra-class18.base,
using the 114831.2 MML classification in
>taylor>autoclass-x>data>lrs-5425>disperse>spectra-80-1/18-10.wt-set.

SORTED BY AUTOCLASS CLASSIFICATION.

AUTOCLASS CLASS = 0

Name	Cl	Nid	Cat	Source	Type	In	Prob
02192+5821	26	4	1	S PER		29	1.00
02236+6027	04	2	4	TMSS +60091		10	1.00
07446-3210A	27	4	16	03731	M1	12	1.00
10394-5747	26					12	1.00
12043-6225	28	2	1	SY CRU		4	1.00
12233-5920	29	1	16	05616		16	1.00
12478-6237	26					5	1.00
14029-6205	26					9	1.00
14068-6158	28					11	1.00
14216-6152	27					10	1.00
15027-5959	27					12	1.00
15107-5726	27					10	1.00
15287-5811	27					25	1.00
15347-5555	26					9	1.00
15483-5514	27					10	1.00
15503-6314	25					6	1.00
15530-5201	26					9	1.00
16206-5138	27					7	1.00
16310-4534	29					3	1.00
16450-4251	26					6	1.00
16490-4618	25					12	1.00
17066-4028	28					19	1.00
17080-3215	28	4	1	AH SCO		68	1.00
17141-3944	27	2	39	ADG347.8-01.1		5	1.00
17187-3750	26					28	1.00
18204-1344	26	3	7	169010		48	1.00
18376-0710	28					5	1.00
18395-0248	26	5	16	11221	M6	10	1.00
19229+1708	25					6	1.00
20010+3011	27	1	1	V718 CYG		7	1.00
20015+3019	29	3	1	V719 CYG		20	1.00
22212+5542	26	5	1	RW CEP		11	1.00
22512+6100	28	6	2	DO 42141		12	1.00
22525+6033	24	5	23	OCL 0250		11	1.00

AUTOCLASS CLASS = 1

Name	Cl	Nid	Cat	Source	Type	In	Prob
01051+6319	25	4	1	HS CAS		4	1.00
06216-0004	27	4	16	02946	M8	7	1.00
08200-2528	24	3	13	175689	M4	6	1.00
09003-5437	26					4	1.00
10150-6318	28					3	1.00
10315-6313	29					4	1.00
10530-5847	27	1	1	TW CAR		4	1.00
15093-5917	27					3	1.00
15576-5400	27	2	40		M1/2 + B/F	41	0.86
						(0	0.14)
16310-5345	29					3	1.00
16351-5448	24					4	1.00
16434-4714	27					3	1.00
17259-4159	27					4	1.00
17349-3039	28	2	4	TMSS -30306		6	1.00
17381-3442	29	1	3	RAFGL 5374		8	1.00

TABLE 18.– CONTINUED.

AUTOCLASS CLASS = 1 (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
17561-1932	28					4	1.00
18185-1927	28	1	3	RAFGL 5477		5	1.00
18224-2206	28					4	1.00
18400-1213	27					4	1.00
18494+1209	26	2	1	LO HER		5	1.00
19211+1606	25					4	1.00
19224+1454	27					4	1.00
19278+4021	29					3	1.00
19296+4331	25	4	1	UV CYG		12	1.00
19348+2136	27	3	16	12208	M5	6	0.99
19462+2232	27					3	1.00
19480+2447	26	3	2	DO 18219		12	1.00

AUTOCLASS CLASS = 2

Name	Cl	Nid	Cat	Source	Type	In	Prob
07556-2017	29	3	13	174884	M1	11	1.00
10056-5300	29	4	1	CM VEL	M5 (II)	59	1.00
10186-6012	29	3	1	EV CAR	M3 IA/IB	30	1.00
10226-6039	29	1	1	UV CAR		7	1.00
10226-5956	29	3	1	CK CAR		17	1.00
10356-5844	27	1	1	BC CAR		12	1.00
11179-6458	29	1	40		M3	17	1.00
13216-6225	28					11	1.00
14248-5927	29	1	40		M2/3	13	1.00
17050-4123	29					10	1.00
17116-4036	28					7	1.00
17315-3414	29	1	3	RAFGL 5355		12	1.00
17341-3453	29	1	3	RAFGL 5360		25	1.00
17488-2800	29	4	1	KW SGR		29	1.00
17513-2313	29	4	1	V774 SGR		28	1.00
18252-1305	29	4	16	10846	M5	10	1.00
19032-4602	29	3	1	RX TEL		15	1.00
19325+2346	29	4	16	12178	M0	7	1.00
20194+3646	29	4	1	BI CYG		39	1.00
21245+6221	29	5	1	SW CEP		12	1.00
22317+5838	29	4	2	DO 41575		9	1.00
22546+6115	27	6	16	14370	M3	6	1.00
23000+5932	28	4	1	AS CEP		7	1.00
23138+6204	27	5	2	DO 42787		11	1.00
23281+5742	29	4	1	V358 CAS		12	1.00
23284+5958	29	3	4	TMSS +60411		15	1.00

AUTOCLASS CLASS = 3

Name	Cl	Nid	Cat	Source	Type	In	Prob
00506+5224	29	2	4	TMSS +50018		6	1.00
02469+5646	28	5	1	W PER		11	1.00
03572+5509	29	4	1	AG CAM		6	1.00
04575+1251	27	1	3	RAFGL 5134		12	1.00
07536-2830	28	4	1	HU PUP		11	1.00
10315-5757	28	1	23	MRSL 285+00/1		6	1.00
10323-5735	28					13	1.00
10517-5239	29					4	1.00
13214-6202	28					5	1.00
13237-6156	27					9	1.00
14122-6133	28					5	1.00

TABLE 18.– CONCLUDED.

AUTOCLASS CLASS = 3 (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
14299-6020	28					9	1.00
16074-3639	29	1	16	07495		7	1.00
17348-3207	28	2	4	TMSS -30305		8	1.00
18197-1211	28					6	1.00
18387-0423	27	4	16	11202	M:	40	1.00
19307+1338	29	2	16	12135		10	1.00
19466+2751	29					5	1.00
22048+5914	29	5	2	DO 40745		6	1.00
22556+5833	29	3	3	RAFGL 2999		20	1.00
23252+6010	29	3	2	DO 43103		5	1.00

AUTOCLASS CLASS = 4

Name	Cl	Nid	Cat	Source	Type	In	Prob
00420+7533	29					3	1.00
10176-5802	28					7	1.00
14200-6401	29					4	1.00
15311-5538	29					6	1.00
15548-5452	29					4	1.00
15589-2850	29	2	13	184042	M2	10	1.00
16205-4830	29					5	1.00
16446-5116	29					6	1.00
17046-3340	29					6	1.00
18101-0713	29					4	1.00
18523-0125	29					4	1.00
19274+1835	28					5	1.00
19426+7055	29					3	1.00
19450+1556	29	2	1	V446 AQL		4	1.00
20499+4657	29					5	1.00
21029+4917	28	1	19	674		3	1.00
21525+5631	29	1	16	13955	M0	3	1.00
23177+6211	29					4	1.00

TABLE 19.– CROSS-REFERENCE BY IRAS NAME OF SPLIT CLASS 18/β11.

```
AutoClass classifications for the 126 LRS spectra
in >taylor>autoclass-x>data>lrs-5425>SPECTRA-CLASS18.BASE,
using the 87849.49 MML classification in
>taylor>autoclass-x>data>lrs-5425>DISPERSE>SPECTRA-80-1/18-10.WT-SET.
```

SORTED BY LRS NAME.

Name	AutoClass	Name	AutoClass	Name	AutoClass
00420+7533	(4 1.00)	15093-5917	(1 1.00)	18252-1305	(2 1.00)
00506+5224	(3 1.00)	15107-5726	(0 1.00)	18376-0710	(0 1.00)
01051+6319	(1 1.00)	15287-5811	(0 1.00)	18387-0423	(3 1.00)
02192+5821	(0 1.00)	15311-5538	(4 1.00)	18395-0248	(0 1.00)
02236+6027	(0 1.00)	15347-5555	(0 1.00)	18400-1213	(1 1.00)
02469+5646	(3 1.00)	15483-5514	(0 1.00)	18494+1209	(1 1.00)
03572+5509	(3 1.00)	15503-6314	(0 1.00)	18523-0125	(4 1.00)
04575+1251	(3 1.00)	15530-5201	(0 1.00)	19032-4602	(2 1.00)
06216-0004	(1 1.00)	15548-5452	(4 1.00)	19211+1606	(1 1.00)
07446-3210A	(0 1.00)	15576-5400	(1 0.86)	19224+1454	(1 1.00)
07536-2830	(3 1.00)	15589-2850	(4 1.00)	19229+1708	(0 1.00)
07556-2017	(2 1.00)	16074-3639	(3 1.00)	19274+1835	(4 1.00)
08200-2528	(1 1.00)	16205-4830	(4 1.00)	19278+4021	(1 1.00)
09003-5437	(1 1.00)	16206-5138	(0 1.00)	19296+4331	(1 1.00)
10056-5300	(2 1.00)	16310-4534	(0 1.00)	19307+1338	(3 1.00)
10150-6318	(1 1.00)	16310-5345	(1 1.00)	19325+2346	(2 1.00)
10176-5802	(4 1.00)	16351-5448	(1 1.00)	19348+2136	(1 0.99)
10186-6012	(2 1.00)	16434-4714	(1 1.00)	19426+7055	(4 1.00)
10226-5956	(2 1.00)	16446-5116	(4 1.00)	19450+1556	(4 1.00)
10226-6039	(2 1.00)	16450-4251	(0 1.00)	19462+2232	(1 1.00)
10315-5757	(3 1.00)	16490-4618	(0 1.00)	19466+2751	(3 1.00)
10315-6313	(1 1.00)	17046-3340	(4 1.00)	19480+2447	(1 1.00)
10323-5735	(3 1.00)	17050-4123	(2 1.00)	20010+3011	(0 1.00)
10356-5844	(2 1.00)	17066-4028	(0 1.00)	20015+3019	(0 1.00)
10394-5747	(0 1.00)	17080-3215	(0 1.00)	20194+3646	(2 1.00)
10517-5239	(3 1.00)	17116-4036	(2 1.00)	20499+4657	(4 1.00)
10530-5847	(1 1.00)	17141-3944	(0 1.00)	21029+4917	(4 1.00)
11179-6458	(2 1.00)	17187-3750	(0 1.00)	21245+6221	(2 1.00)
12043-6225	(0 1.00)	17259-4159	(1 1.00)	21525+5631	(4 1.00)
12233-5920	(0 1.00)	17315-3414	(2 1.00)	22048+5914	(3 1.00)
12478-6237	(0 1.00)	17341-3453	(2 1.00)	22212+5542	(0 1.00)
13214-6202	(3 1.00)	17348-3207	(3 1.00)	22317+5838	(2 1.00)
13216-6225	(2 1.00)	17349-3039	(1 1.00)	22512+6100	(0 1.00)
13237-6156	(3 1.00)	17381-3442	(1 1.00)	22525+6033	(0 1.00)
14029-6205	(0 1.00)	17488-2800	(2 1.00)	22546+6115	(2 1.00)
14068-6158	(0 1.00)	17513-2313	(2 1.00)	22556+5833	(3 1.00)
14122-6133	(3 1.00)	17561-1932	(1 1.00)	23000+5932	(2 1.00)
14200-6401	(4 1.00)	18101-0713	(4 1.00)	23138+6204	(2 1.00)
14216-6152	(0 1.00)	18185-1927	(1 1.00)	23177+6211	(4 1.00)
14248-5927	(2 1.00)	18197-1211	(3 1.00)	23252+6010	(3 1.00)
14299-6020	(3 1.00)	18204-1344	(0 1.00)	23281+5742	(2 1.00)
15027-5959	(0 1.00)	18224-2206	(1 1.00)	23284+5958	(2 1.00)

TABLE 20.– CROSS-REFERENCE BY AUTOCLASS CLASS OF SPLIT CLASS 23/80.

AutoClass classifications for the 256 LRS spectra
in >taylor>autoclass-x>data>lrs-5425>spectra-class23.base,
using the 221801.95 MML classification in
>taylor>autoclass-x>data>lrs-5425>disperse>spectra-80-1/23-10.wt-set.

SORTED BY AUTOCLASS CLASSIFICATION.

AUTOCLASS CLASS = 0

Name	Cl	Nid	Cat	Source	Type	In	Prob
00121-1912	19	4	15	48	M3III	11	1.00
00238-4234	18	2	13	215093	K0	14	1.00
00254-3317	18	4	15	105	M4III	11	1.00
00366+3035	18	3	13	54058	K2	9	1.00
00410-1815	18	6	15	188	K0III	15	1.00
01490+8901	18	12	15	424	F7:Ib-II	8	1.00
02510+0907	17	4	13	110817	MB	10	1.00
03207+4941	18	5	15	1017	F5Ib	9	1.00
03377+6303	18	5	19	60	S3.5/2	11	1.00
03437-1215	18	4	15	1162	M2III	9	1.00
04317-0820	18	5	15	1451	M3III	8	1.00
04473+6325	18	4	15	1527	M3IIIab	7	1.00
04589+4100	18	5	15	1612	K4II+B8V	11	1.00
05071-6327	18	3	15	1695	M3III	11	1.00
05476+3717	18	6	15	2011	M0III-IIIb	8	1.00
06085-4020	18	4	15	2203	M2II-III	7	1.00
06111-6534	18	3	15	2245	M2.5III	9	0.99
06408+2510	19	6	15	2473	G8Ib	13	1.00
06486-5033	18	4	15	2553	K1III	10	1.00
06509-2653	17	5	15	2567	M4III	10	1.00
06518-1158	18	4	15	2574	K4III	7	1.00
07063-2618	18	6	15	2693	F8Ia	9	1.00
07328+2700	18	5	15	2905	M0III-IIIb	10	1.00
07392+1419	18	5	19	254	M3II-III	7	1.00
07518-2612	18	3	13	174762	M4	12	1.00
09147-5719	18	4	15	3696	M1III	10	1.00
09575+0817	18	6	15	3950	M2IIIab	9	1.00
10154-6104	18	3	15	4050	K3IIa	13	1.00
11157+3322	18	5	15	4377	K3III	10	1.00
11358+0824	18	6	15	4483	M4III	16	1.00
11462-2628	18	5	15	4532	M4III	17	1.00
12075-2220	17	5	15	4630	K2.5IIIa	10	0.99
12279+6928	18	5	15	4765	M3IIIa	10	1.00
12517-0915	18	5	15	4902	M3III	12	1.00
14037-3607	19	3	18	5390	K0 IIIB	17	1.00
14059+4405	18	5	15	5299	M4III	22	1.00
14193-5544	18	2	13	241679	M5II	7	1.00
14412+2644	18	6	15	5490	M3III	12	1.00
15004+3152	18	4	16	06900	M6	7	1.00
15238+5908	18	5	15	5744	K2III	7	1.00
15292-2342	18	3	13	183548	MB	9	0.99
15339-2758	18	4	15	5794	K3III	9	1.00
15418+0634	18	4	18	5962	K2 22	11	1.00
15464+1817	18	6	15	5879	M0.5IIab	10	1.00
15529+4316	17	5	15	5932	M3III	6	0.99
16232+6137	18	8	15	6132	G8IIIab	7	1.00
16457+4219	18	5	15	6242	M4III-IIIa	8	0.95
16469-3412	18	5	16	07983	K2 IIIB	15	1.00
17101+1038	19	5	15	6393	M2III	6	1.00
17133+3651	18	6	15	6418	K3IIab	13	1.00
17181+1806	18	4	15	6452	M2IIIab	7	1.00
17211-5529	18	4	15	6461	K3Ib-IIa	15	1.00
17220-8049	17	4	15	6429	M3III	7	1.00
17292+5220	18	4	15	6536	G2Ib-IIa	7	1.00
17558-3014	19	6	15	6693	M1Ib	8	1.00
18202+4905	18	5	15	6891	M2IIIab	7	1.00
18352+3844	18	8	15	7001	A0Va	11	1.00

TABLE 20.– CONTINUED.

AUTOCLASS CLASS = 0 (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
18430-1939	18	5	15	7045	M4III	9	1.00
19162-1600	18	6	17	2721	N2,R8	8	1.00
19174+2228	18	5	2	DO 17637		9	1.00
19280-0253	18	7	15	7414	M1IIIv	9	1.00
19427+3417	18	6	15	7520	M1III	6	1.00
19577+1722	18	5	15	7645	M4IIIa	13	1.00
21276+2325	17	5	15	8225	M1III	7	1.00

AUTOCLASS CLASS = 1

Name	Cl	Nid	Cat	Source	Type	In	Prob
01069+3521	18	7	16	00414	M0	73	1.00
01516-4632	18	4	15	555	M4III	23	1.00
02008+4205	18	6	15	603	K3-IIb	25	1.00
02043+2313	18	5	16	00725	K2	21	1.00
03557-1339	18	4	15	1231	M0.5III	30	1.00
04537+3305	18	5	15	1577	K3II	24	1.00
05033-2226	18	5	15	1654	K5III	14	1.00
05130+4556	18	8	16	01897	*	52	1.00
05146+4244	18	4	15	1722	M4III	13	1.00
06228-5240	18	4	15	2326	F0II	41	1.00
06429-1639	18	7	18	2440A	A1 7	48	1.00
07207+8230	18	5	15	2742	M4IIIa	14	1.00
07366+0520	18	8	16	03672	F5	21	1.00
07422+2808	18	7	16	03712	K0	30	1.00
09180+3436	18	6	15	3705	K7IIIab	22	1.00
09297-5648	18	4	15	3803	K5III	22	1.00
10172+2005	18	7	15	4057	K1-IIIb	23	1.00
10348-7820	18	4	15	4174	M0III	10	1.00
11006+6201	18	6	16	05070	K0	22	1.00
11284+6936	18	6	15	4434	M0III	15	1.00
11449-7620	18	3	16	05336	M6III	10	1.00
12247-5842	18	3	15	4739	M4-5III	16	1.00
13039+2253	18	7	15	4949	M5III	15	1.00
13499+6458	18	4	15	5226	M3.5III	15	1.00
14133+1925	18	6	16	06603	K2	179	1.00
14166-3637	18	2	13	205436	MB	19	1.00
14359-6037	21	5	18	5590A	G2 7	61	1.00
14508+7421	18	5	15	5563	K4III	40	1.00
15011-2505	18	6	15	5603	M3IIIa	45	1.00
16330-3509	18	4	15	6166	K6III	9	1.00
16433-6856	18	3	15	6217	K2IIb-IIIa	38	1.00
16454-5857	18	3	15	6229	K5III	14	1.00
16544-5554	18	4	15	6285	K3III	20	1.00
17123+1426	19	8	15	6406	M5Ib-II	642	1.00
17172+0211	18	6	2	DO 4268		16	1.00
18177-2951	18	5	15	6859	K3IIIa*	20	1.00
18399-1920	18	4	15	7023	M4III	18	1.00
19409+5520	18	4	15	7509	M5IIIa	11	1.00
19565+1921	18	5	15	7635	M0III	17	1.00
20139+4733	18	5	15	7751	K3Ib+B3V	12	1.00
21417+0938	18	4	15	8308	K2Ib	23	1.00
22091+5757	18	5	15	8465	K1.5Ib	12	1.00
22150-6030	18	4	15	8502	K3III	17	1.00
22296-6214	18	3	15	8582	M4III	17	1.00
22366+5632	18	6	15	8621	M4III	17	1.00
23309+2213	18	5	15	8940	M5IIIa	15	1.00
23594-0617	18	5	15	9089	M3III	19	1.00

TABLE 20.– CONTINUED.

AUTOCLASS CLASS = 2

Name	Cl	Nid	Cat	Source	Type	In	Prob
02270-6944	17	3	16	00840	M6/7	16	1.00
02529+1807	18	7	15	867	M6-III	34	1.00
02596+0353	18	5	15	911	M1.5IIIa	64	1.00
03019+3838	18	6	15	921	M4II	69	1.00
03479-7423	18	4	15	1208	M2III	29	1.00
04001-6217	18	3	15	1264	M4III	19	1.00
04330+1624	18	6	18	1711A	K5 2	148	1.00
04382-1946	18	4	15	1496	M4III	20	1.00
04497+1410	18	7	19	84	S3.5/1-	19	1.00
05562+4556	18	5	15	2091	M3II	27	1.00
06118+2231	18	7	15	2216	M3IIIab	44	1.00
06133+6132	18	5	15	2215	M3III	16	1.00
06199+2232	18	5	15	2286	M3IIIab	75	1.00
07153-3700	18	3	15	2773	K3Ib	34	1.00
07276-4311	18	1	13	218755	K5	17	1.00
08214-5920	18	5	15	3307	K3III+B2:V	55	1.00
12148-6741	18	3	13	251830	M4III	50	1.00
12283-5650	18	5	16	05672	M4III	226	1.00
12319-6728	17	3	1	BO MUS	M6 II/III	32	1.00
12530+0340	18	7	2	DO 3300		41	1.00
13465-3412	18	3	15	5192	M5III	59	1.00
14437+1520	17	6	15	5512	M5IIIab	25	1.00
14455-3625	18	4	15	5519	M3III	20	1.00
14567+6607	18	6	15	5589	M5III	32	1.00
16117-0334	18	5	16	07556	M1	40	1.00
16127-7834	18	4	15	6020	M5IIIb	28	1.00
16164+5952	18	7	15	6086	M4IIIa	12	1.00
17553+4521	17	7	19	539		14	1.00
17554+5129	18	5	15	6705	K5III	40	1.00
18142-3646	18	2	13	209957	M3	51	1.00
18184-2456	18	4	15	6861	M5III	17	1.00
18527+3650	18	6	15	7139	M4II	34	1.00
19438+1029	17	4	15	7525	K3II	18	1.00
19451+1824	18	5	15	7536	M2II+A0V	28	0.98
19575-5930	18	3	15	7625	M6III	50	1.00
19595-2751	17	4	15	7650	M4III	26	1.00
21243-6943	18	4	15	8196	M5III	25	1.00
22267-4400	18	2	15	8560	M4.5IIIa	27	1.00
23013+2748	18	5	15	8775	M2.5II-III	85	1.00
23070+0824	18	7	19	723		22	1.00

AUTOCLASS CLASS = 3

Name	Cl	Nid	Cat	Source	Type	In	Prob
00081+3157	18	4	16	00067	M7	9	1.00
00254-1156	17	3	13	147289	M3	15	1.00
01551+3053	18	3	13	55147	MB	11	1.00
01579-0845	18	5	15	587	M3III	21	0.99
03172-2156	17	4	15	1003	M3.5IIIa	35	1.00
03449+6522	18	5	15	1155	M2IIab	12	1.00
04352+6602	17	5	19	75		11	1.00
05292+1833	17	7	15	1845	M2Iab-Ib	36	1.00
06452-0856	17	5	15	2508	M1Ib-IIa	8	1.00
07104+1614	17	5	15	2717	M4IIIab	16	1.00
08023-3231	17	4	15	3170	M1Ib	12	1.00
09429+5721	17	6	15	3870	M3IIIab	9	1.00
10227-5404	17	2	13	238040	M5III	8	1.00
11212-7626	17	4	13	256833	M4/5 (III)	6	1.00
12106-3350	17	4	15	4647	M4III	15	1.00
15186-3604	17	3	15	5705	K5III	12	1.00

TABLE 20.– CONTINUED.

AUTOCLASS CLASS = 3 (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
15361+2441	17	3	13	83921	MB	19	1.00
15571-4652	31					7	1.00
16127-5341	17	3	15	6055	M2III	9	1.00
16496+1501	17	5	1	S HER		8	1.00
17206-2826	17	4	19	526		9	1.00
17240+7154	17	4	13	8787	MB	7	1.00
17403-3238	18	3	13	209188	MB	10	0.99
18157+1757	17	5	1	IQ HER		14	1.00
18364+3937	17	6	15	7009	M4-5III	19	1.00
20131-3636	17	3	15	7728	M4III	8	1.00
20198+6843	18	5	15	7804	M5II-III	14	1.00
20356+1805	17	7	15	7886	M6III	39	1.00
21267+2157	17	5	15	8223	M4-5III-IIIa	16	1.00
21321+0136	18	4	13	126901	MB	11	1.00
21552+6323	17	6	15	8383	M2Iaep+B8Ve	18	1.00
22526+8446	17	4	1	AR CEP		7	1.00
23086+0443	17	6	2	DO 7959		16	1.00

AUTOCLASS CLASS = 4

Name	Cl	Nid	Cat	Source	Type	In	Prob
01576-2119	17	4	15	585	M0.5III	11	1.00
03203+6424	18	5	15	1009	M0II	11	1.00
03579-6132	18	3	15	1247	M2IIIab	8	1.00
05359-7346	17	3	15	1964	M3III	8	1.00
05441-2339	17	3	13	170809	MB	8	1.00
05535+3534	17	4	2	DO 11724		12	1.00
06048-2148	17	5	15	2166	M4III	9	1.00
06225+1445	16	7	17	508	N0	11	1.00
07145-2747	17	4	15	2766	M3III	11	1.00
07314-1424	18	5	15	2902	M2Iabpe+B2V	13	1.00
07494+0324	18	6	15	3061	M4III	7	1.00
07543-3008	17	3	15	3099	M6III	10	1.00
09005+3856	17	4	2	DO 13765		9	1.00
10147-5057	17	3	15	4045	M4-5III	9	1.00
11098-5809	17	2	13	238855	M4III	7	1.00
11352-6037	17	3	13	251497	M5/7	11	1.00
13293-0559	17	6	15	5095	M2III	10	1.00
15014-4040	18	2	15	5604	M6III	11	1.00
16095+2337	17	6	15	6039	M4.5IIIa	11	1.00
16425-0259	18	5	2	DO 4132		11	1.00
17236+1657	17	5	15	6495	M4IIIab	7	1.00
18052+4326	18	4	2	DO 36062		6	1.00
18324-1918	18	3	13	161635	MB	9	1.00
19065+3904	17	4	1	V398 LYR		8	1.00
19312+0521	17	6	1	V450 AQL		17	1.00
19323+4909	17	4	15	7442	M4.5IIas	7	1.00
20451-0512	18	5	15	7951	M3III	17	1.00
21181+5514	18	5	1	FZ CEP		8	1.00
22023+6252	17	4	15	8416	M5IIIab	12	1.00
23117-0619	18	4	13	146585	M0	10	1.00
23226+6200	17	7	15	8904	M1III	7	1.00

TABLE 20.– CONCLUDED.

AUTOCLASS CLASS = 5

Name	Cl	Nid	Cat	Source	Type	In	Prob
04419+3249	18	3	13	57411	MA	7	1.00
05121-0815	18	8	15	1713	B8Iae:	11	1.00
08138+0920	18	6	15	3249	K4III	11	1.00
08580+6749	18	5	15	3576	M3III	12	1.00
09180+5654	18	4	15	3698	M4IIIa	10	1.00
09192-2545	17	3	15	3718	M1III	7	1.00
10077-6118	17	4	15	3999	M2-3IIIe	5	1.00
10272-6354	18	3	15	4120	M0III	8	1.00
10336-5718	18	5	15	4159	K3-4II	7	1.00
12135-5600	18	1	19	442		5	1.00
13470+1602	18	6	15	5200	K5IIIv	9	1.00
14107-5341	18	4	17	2148	NB	12	1.00
15190-3200	18	3	13	206560	MB	6	1.00
15396+3842	17	4	1	RR CRB		6	1.00
16250-0729	18	5	15	6128	M2.5III	9	1.00
18039+2212	18	5	15	6765	M3III	10	1.00
18477+4727	17	4	2	DO 36528		8	1.00
18516+4055	18	6	2	DO 17155		8	1.00
18521+1034	18	5	1	V913 AQL		7	1.00
19489+3741	31	5	15	7568	M4IIb	8	1.00
19555+4407	42	6	17	2833	N6	8	1.00
20120+4635	18	5	15	7735	K2II+	8	1.00
20372-1818	18	4	15	7900	M2III	7	1.00
21012+2347	18	4	1	DY VUL		17	1.00
21178+5824	18	5	15	8164	M1Ibep+B2pe+B3V	8	1.00
22003-3141	17	3	13	213500	MB	8	1.00
23172+6227	18	6	2	DO 42891		8	1.00
23522-0010	18	5	15	9047	M5III	12	1.00
23551+2451	18	6	15	9064	M3III	15	1.00

AUTOCLASS CLASS = 6

Name	Cl	Nid	Cat	Source	Type	In	Prob
01133+2530	22	5	17	63	N0,C7	8	1.00
05373-0810	42	4	16	02533	C	7	1.00
05418-4628	41	3	17	398	N	11	1.00
08525+1725	42	8	17	1338	N3,C5	16	1.00
10329-3918	21	6	17	1706	N	33	1.00
10416+6740	42	8	17	1736	N0,C6	11	1.00
12544+6615	41	6	17	2047	N4,C4	21	1.00
13495+3441	80	4	15	5219	K5III	12	1.00
16374-3217	42	5	17	2353	N	11	1.00
19017-0545	42	7	17	2695	N6,C6	28	1.00
21168-4514	17	4	17	3013	N,C7,	11	1.00
21399+3516	42	7	17	3060	N1,R,	15	1.00

TABLE 21.– CROSS-REFERENCE BY IRAS NAME OF SPLIT CLASS 23/80.

AutoClass classifications for the 256 LRS spectra
in >taylor>autoclass-x>data>lrs-5425>spectra-class23.base,
using the 166981.98 MML classification in
>taylor>autoclass-x>data>lrs-5425>DISPERSE>SPECTRA-80-1/23-10.WT-SET.

SORTED BY LRS NAME.

Name	AutoClass	Name	AutoClass	Name	AutoClass
00081+3157	(3 1.00)	06408+2510	(0 1.00)	12530+0340	(2 1.00)
00121-1912	(0 1.00)	06429-1639	(1 1.00)	12544+6615	(6 1.00)
00238-4234	(0 1.00)	06452-0856	(3 1.00)	13039+2253	(1 1.00)
00254-1156	(3 1.00)	06486-5033	(0 1.00)	13293-0559	(4 1.00)
00254-3317	(0 1.00)	06509-2653	(0 1.00)	13465-3412	(2 1.00)
00366+3035	(0 1.00)	06518-1158	(0 1.00)	13470+1602	(5 1.00)
00410-1815	(0 1.00)	07063-2618	(0 1.00)	13495+3441	(6 1.00)
01069+3521	(1 1.00)	07104+1614	(3 1.00)	13499+6458	(1 1.00)
01133+2530	(6 1.00)	07145-2747	(4 1.00)	14037-3607	(0 1.00)
01490+8901	(0 1.00)	07153-3700	(2 1.00)	14059+4405	(0 1.00)
01516-4632	(1 1.00)	07207+8230	(1 1.00)	14107-5341	(5 1.00)
01551+3053	(3 1.00)	07276-4311	(2 1.00)	14133+1925	(1 1.00)
01576-2119	(4 1.00)	07314-1424	(4 1.00)	14166-3637	(1 1.00)
01579-0845	(3 0.99)	07328+2700	(0 1.00)	14193-5544	(0 1.00)
02008+4205	(1 1.00)	07366+0520	(1 1.00)	14359-6037	(1 1.00)
02043+2313	(1 1.00)	07392+1419	(0 1.00)	14412+2644	(0 1.00)
02270-6944	(2 1.00)	07422+2808	(1 1.00)	14437+1520	(2 1.00)
02510+0907	(0 1.00)	07494+0324	(4 1.00)	14455-3625	(2 1.00)
02529+1807	(2 1.00)	07518-2612	(0 1.00)	14508+7421	(1 1.00)
02596+0353	(2 1.00)	07543-3008	(4 1.00)	14567+6607	(2 1.00)
03019+3838	(2 1.00)	08023-3231	(3 1.00)	15004+3152	(0 1.00)
03172-2156	(3 1.00)	08138+0920	(5 1.00)	15011-2505	(1 1.00)
03203+6424	(4 1.00)	08214-5920	(2 1.00)	15014-4040	(4 1.00)
03207+4941	(0 1.00)	08525+1725	(6 1.00)	15186-3604	(3 1.00)
03377+6303	(0 1.00)	08580+6749	(5 1.00)	15190-3200	(5 1.00)
03437-1215	(0 1.00)	09005+3856	(4 1.00)	15238+5908	(0 1.00)
03449+6522	(3 1.00)	09147-5719	(0 1.00)	15292-2342	(0 0.99)
03479-7423	(2 1.00)	09180+3436	(1 1.00)	15339-2758	(0 1.00)
03557-1339	(1 1.00)	09180+5654	(5 1.00)	15361+2441	(3 1.00)
03579-6132	(4 1.00)	09192-2545	(5 1.00)	15396+3842	(5 1.00)
04001-6217	(2 1.00)	09297-5648	(1 1.00)	15418+0634	(0 1.00)
04317-0820	(0 1.00)	09429+5721	(3 1.00)	15464+1817	(0 1.00)
04330+1624	(2 1.00)	09575+0817	(0 1.00)	15529+4316	(0 0.99)
04352+6602	(3 1.00)	10077-6118	(5 1.00)	15571-4652	(3 1.00)
04382-1946	(2 1.00)	10147-5057	(4 1.00)	16095+2337	(4 1.00)
04419+3249	(5 1.00)	10154-6104	(0 1.00)	16117-0334	(2 1.00)
04473+6325	(0 1.00)	10172+2005	(1 1.00)	16127-5341	(3 1.00)
04497+1410	(2 1.00)	10227-5404	(3 1.00)	16127-7834	(2 1.00)
04537+3305	(1 1.00)	10272-6354	(5 1.00)	16164+5952	(2 1.00)
04589+4100	(0 1.00)	10329-3918	(6 1.00)	16232+6137	(0 1.00)
05033-2226	(1 1.00)	10336-5718	(5 1.00)	16250-0729	(5 1.00)
05071-6327	(0 1.00)	10348-7820	(1 1.00)	16330-3509	(1 1.00)
05121-0815	(5 1.00)	10416+6740	(6 1.00)	16374-3217	(6 1.00)
05130+4556	(1 1.00)	11006+6201	(1 1.00)	16425-0259	(4 1.00)
05146+4244	(1 1.00)	11098-5809	(4 1.00)	16433-6856	(1 1.00)
05292+1833	(3 1.00)	11157+3322	(0 1.00)	16454-5857	(1 1.00)
05359-7346	(4 1.00)	11212-7626	(3 1.00)	16457+4219	(0 0.95)
05373-0810	(6 1.00)	11284+6936	(1 1.00)	16469-3412	(0 1.00)
05418-4628	(6 1.00)	11352-6037	(4 1.00)	16496+1501	(3 1.00)
05441-2339	(4 1.00)	11358+0824	(0 1.00)	16544-5554	(1 1.00)
05476+3717	(0 1.00)	11449-7620	(1 1.00)	17101+1038	(0 1.00)
05535+3534	(4 1.00)	11462-2628	(0 1.00)	17123+1426	(1 1.00)
05562+4556	(2 1.00)	12075-2220	(0 0.99)	17133+3651	(0 1.00)
06048-2148	(4 1.00)	12106-3350	(3 1.00)	17172+0211	(1 1.00)
06085-4020	(0 1.00)	12135-5600	(5 1.00)	17181+1806	(0 1.00)
06111-6534	(0 0.99)	12148-6741	(2 1.00)	17206-2826	(3 1.00)
06118+2231	(2 1.00)	12247-5842	(1 1.00)	17211-5529	(0 1.00)
06133+6132	(2 1.00)	12279+6928	(0 1.00)	17220-8049	(0 1.00)
06199+2232	(2 1.00)	12283-5650	(2 1.00)	17236+1657	(4 1.00)
06225+1445	(4 1.00)	12319-6728	(2 1.00)	17240+7154	(3 1.00)
06228-5240	(1 1.00)	12517-0915	(0 1.00)	17292+5220	(0 1.00)

TABLE 21.– CONCLUDED.

Name	AutoClass	Name	AutoClass	Name	AutoClass
17403-3238	(3 0.99)	19312+0521	(4 1.00)	21276+2325	(0 1.00)
17553+4521	(2 1.00)	19323+4909	(4 1.00)	21321+0136	(3 1.00)
17554+5129	(2 1.00)	19409+5520	(1 1.00)	21399+3516	(6 1.00)
17558-3014	(0 1.00)	19427+3417	(0 1.00)	21417+0938	(1 1.00)
18039+2212	(5 1.00)	19438+1029	(2 1.00)	21552+6323	(3 1.00)
18052+4326	(4 1.00)	19451+1824	(2 0.98)	22003-3141	(5 1.00)
18142-3646	(2 1.00)	19489+3741	(5 1.00)	22023+6252	(4 1.00)
18157+1757	(3 1.00)	19555+4407	(5 1.00)	22091+5757	(1 1.00)
18177-2951	(1 1.00)	19565+1921	(1 1.00)	22150-6030	(1 1.00)
18184-2456	(2 1.00)	19575-5930	(2 1.00)	22267-4400	(2 1.00)
18202+4905	(0 1.00)	19577+1722	(0 1.00)	22296-6214	(1 1.00)
18324-1918	(4 1.00)	19595-2751	(2 1.00)	22366+5632	(1 1.00)
18352+3844	(0 1.00)	20120+4635	(5 1.00)	22526+8446	(3 1.00)
18364+3937	(3 1.00)	20131-3636	(3 1.00)	23013+2748	(2 1.00)
18399-1920	(1 1.00)	20139+4733	(1 1.00)	23070+0824	(2 1.00)
18430-1939	(0 1.00)	20198+6843	(3 1.00)	23086+0443	(3 1.00)
18477+4727	(5 1.00)	20356+1805	(3 1.00)	23117-0619	(4 1.00)
18516+4055	(5 1.00)	20372-1818	(5 1.00)	23172+6227	(5 1.00)
18521+1034	(5 1.00)	20451-0512	(4 1.00)	23226+6200	(4 1.00)
18527+3650	(2 1.00)	21012+2347	(5 1.00)	23309+2213	(1 1.00)
19017-0545	(6 1.00)	21168-4514	(6 1.00)	23522-0010	(5 1.00)
19065+3904	(4 1.00)	21178+5824	(5 1.00)	23551+2451	(5 1.00)
19162-1600	(0 1.00)	21181+5514	(4 1.00)	23594-0617	(1 1.00)
19174+2228	(0 1.00)	21243-6943	(2 1.00)		
19280-0253	(0 1.00)	21267+2157	(3 1.00)		

TABLE 22.– CROSS-REFERENCE BY AUTOCLASS CLASS OF SPLIT CLASS 24/δ1.

AutoClass classifications for the 236 LRS spectra
in >taylor>autoclass-x>data>lrs-5425>spectra-class24.base,
using the 222474.23 MML classification in
>taylor>autoclass-x>data>lrs-5425>disperse>spectra-80-1/24-10.wt-set.

SORTED BY AUTOCLASS CLASSIFICATION.

AUTOCLASS CLASS = 0

Name	Cl	Nid	Cat	Source	Type	In	Prob
00119-0803	18	5	15	46	M3III	9	1.00
00120+1955	17	6	15	45	M2+III	7	0.99
00168-0906	19	6	15	74	K1.5III	6	1.00
00504-0124	19	7	15	248	M0III	6	1.00
01125+7128	18	5	15	365	K1V	5	1.00
01358-5729	18	4	15	472	B3Vpe	6	1.00
02221+3338	18	3	2	DO 9244		7	1.00
02222+5003	18	4	15	699	K4+III	5	1.00
02290+7629	18	3	13	4675	M0	4	1.00
02484+3451	18	5	15	843	K7III	8	1.00
02593+7913	17	5	15	881	M1III+F7IV	4	1.00
03040-0616	22	5	15	935	M3III	8	0.93
03075+5742	31	7	17	131	R5,C4	9	1.00
03250+7141	18	7	15	1032	M2III	5	1.00
04297+4836	18	3	13	39601		7	1.00
05120-0037	18	4	13	131905	MB	8	1.00
05121+4929	17	4	1	UX AUR		5	1.00
05261-2047	18	6	15	1829	G5II	6	1.00
05491-3546	18	2	13	196240	K0	8	1.00
06318-3032	18	2	13	196941	MA	4	1.00
06585-0310	18	6	17	645	R6,C4	5	1.00
06596-5119	19	2	15	2652	M1III	7	1.00
07177+8707	19	4	15	2609	M2IIIab	7	1.00
07433+3738	18	7	15	2999	M2IIIb	6	1.00
07471-2443	18	4	15	3045	G3Ib	7	1.00
08252-6558	18	4	15	3347	K1III	5	1.00
08442+7821	17	4	13	6656	MB	5	1.00
08484-2731	18	3	15	3518	K3III	5	1.00
09058-2539	18	4	15	3628	K4III	6	1.00
09232-4345	19	2	13	221146	M3III	7	0.97
09289-5808	18	4	15	3793	M2III	6	0.99
09301+8132	18	4	15	3751	K3III	6	1.00
10098-5834	18	3	15	4007	M3III	6	1.00
10158-2844	80	4	15	4049	B9.5Ib-II	11	1.00
10310-6555	18	1	40		M6 (III)	4	1.00
10393+3157	19	5	15	4184	M2III	5	1.00
11434+4803	19	5	15	4518	K2III	6	1.00
12317-2307	18	5	15	4786	G5II	8	1.00
12596+1113	18	5	15	4932	G8IIIab	7	1.00
13079-8931	17	4	19	453	M3III	5	0.99
13175-7754	17	2	16	06192	M5III	5	0.99
13367-3929	18	2	15	5135	M4III	5	1.00
14064+4941	18	5	15	5300	M1.5III	6	1.00
14186-8326	18	4	15	5339	K2III	5	1.00
14275+7555	19	5	15	5430	K4III	6	1.00
15291+4100	18	4	15	5763	K5III	5	0.99
15307-3953	19	2	15	5767	M2III	6	1.00
15346-4224	18	2	15	5797	K4.5III	6	1.00
15390-1931	19	6	15	5838	M0-IIIb	7	1.00
15542-1553	18	4	16	07351	M1	5	1.00
16016-3904	19	1	13	207304	MB	7	1.00
16204+3354	18	5	15	6107	M2IIIab	6	1.00
16302+1135	18	5	15	6159	K7III	6	0.99
16372-5512	18	3	16	07894	M5/6 III	5	1.00
16555-5305	18	3	15	6295	K4IIIab	7	1.00
17240+0410	17	6	15	6498	K2II	7	1.00
17311-2450	18	3	13	185514	K5	6	1.00

TABLE 22.– CONTINUED.

AUTOCLASS CLASS = 0 (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
17408-6442	19	3	15	6582	K2II	7	1.00
17526+5652	19	3	13	30631	K0	5	1.00
17542-4142	18	2	15	6682	M0III	8	1.00
18025-3025	19	4	16	10173-	K0	8	1.00
18186-6131	19	3	15	6855	K4III	7	1.00
18186-0255	18	7	16	10675	K0	6	1.00
18436-2941	18	3	13	187263	MB	5	1.00
18578+2244	19	5	15	7183	M3.5IIIab	7	0.98
19390+3229	17	6	17	2773	N,R,C	5	0.99
20009+6440	19	4	15	7676	M1III-IIIb	5	1.00
20035-5301	18	4	15	7673	M1IIab	7	1.00
20182-1456	18	5	15	7776	F8V+A0	6	0.99
20340-4728	18	3	15	7869	K0III	6	1.00
21049-0021	18	5	2	DO 7188		6	1.00
21382+4302	18	6	15	8284	M1IIIab	6	1.00
21411+4055	18	7	15	8306	M2IIIab	5	1.00
22032-0033	19	5	15	8414	G2Ib	7	1.00
22032+4629	18	5	15	8421	M4IIIab	6	1.00
23044+0908	19	6	15	8795	M1IIIab	8	1.00
23217+4120	19	3	13	52978	M0	5	1.00
23372+7721	19	7	15	8974	K1III-IV	6	1.00
23499+1850	18	6	15	9036	M2.5IIIb	8	1.00

AUTOCLASS CLASS = 1

Name	Cl	Nid	Cat	Source	Type	In	Prob
01349+4822	18	3	13	37375	K0	6	1.00
02287-5801	18	2	13	232795	M4/5 III	5	0.97
02327+3428	18	5	15	750	M3III	6	0.98
03173+2852	18	5	15	999	K2II-III	7	0.99
03270+4749	18	5	15	1052	K3III	5	1.00
04160-2050	18	5	15	1345	M4III	8	0.99
05325+0840	18	6	2	DO 1187		8	1.00
06549-4839	18	2	15	2608	M1III	7	1.00
06595+1749	19	5	15	2631	M1	8	1.00
07094+5130	18	5	15	2703	M3III	8	1.00
07129+0803	19	6	15	2747	M4-IIab	8	1.00
07145-2313	18	5	15	2764	K3Ib	7	1.00
07254+0901	19	5	15	2854	K3III	6	1.00
08194+4320	18	5	15	3275	K4.5III-IIIb	7	1.00
08239+1249	18	5	15	3319	M3IIIab	7	1.00
08437-1038	18	3	13	154616	MB	5	0.97
09372-0054	18	6	15	3845	K2.5III-IIIb	6	1.00
09438-6216	18	4	15	3884	G5Iab-Ib	5	1.00
10236-1634	18	4	13	155980	K5	10	1.00
10295+1423	18	6	15	4127	M1.5IIIb	6	1.00
10348-2709	17	5	15	4162	M2III	7	1.00
10471-1555	18	4	13	156256	K0	10	1.00
10599-4050	18	2	13	222508	M4III	8	1.00
11068+4446	18	4	15	4335	K1III	8	1.00
11168-1430	19	4	15	4382	G8III-IV	7	1.00
11231-3728	18	3	15	4411	M3III	6	1.00
13372-7136	18	4	19	468	M4III	6	1.00
14035-2626	18	6	15	5287	K2III-IIIb	7	1.00
14296+3035	18	5	15	5429	K3III	7	1.00
14415-7850	18	3	15	5470	K2.5III	7	1.00
16050-2611	18	4	15	6001	M2III	7	1.00
16280+2135	18	4	15	6148	G7IIIa	7	1.00
16373+4901	18	6	15	6200	M2.5IIIab	9	1.00
16552+0927	18	5	15	6299	K2III	8	1.00

TABLE 22.– CONTINUED.

AUTOCLASS CLASS = 1 (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
17008+1409	18	5	15	6337	M3III	9	1.00
17287+2608	18	5	15	6526	K3.5III	5	1.00
17337-4258	19	3	15	6553	F1II	7	1.00
17343+2735	18	3	2	DO 16104		4	1.00
17409+0435	19	5	15	6603	K2III	11	1.00
17545+3715	18	5	15	6695	K1IIa	5	1.00
18181+2156	18	5	15	6868	M1III	6	1.00
18359-4313	18	2	15	6991	M2III	7	1.00
19125+6734	18	3	13	18222	K0	7	1.00
19266+2433	31	5	15	7405	M0III	8	1.00
19483+0844	18	5	18	7680	A7 6	11	1.00
19487+3835	17	4	15	7566	M2IIIa	6	1.00
20430+5618	17	4	15	7944	M3III	6	1.00
20442+3347	18	5	15	7949	K0III	11	1.00
20488-2706	18	5	15	7980	K5IIIa	10	1.00
21041-2512	18	4	15	8080	M0.5III	9	1.00
21087-7019	18	4	15	8092	M1-2III	7	1.00
21129-1522	19	5	15	8128	M3III	9	1.00
22469-1351	18	5	15	8679	M0III	11	1.00
22478+6556	18	4	15	8694	K0III	4	1.00
23073-4051	17	4	15	8818	M4III	7	1.00

AUTOCLASS CLASS = 2

Name	Cl	Nid	Cat	Source	Type	In	Prob
00339+4840	17	5	16	00224	M5	5	1.00
02193+0010	17	7	15	689	M2III	6	1.00
04247+4149	17					5	1.00
05421+2424	42	6	17	390	N2+A	8	1.00
06121+5645	18	4	2	DO 30164		7	1.00
06174-0255	19	7	15	2275	M1III	7	1.00
06319+4539	17	4	1	TU AUR		7	1.00
06387+5531	17	5	1	SU LYN		5	1.00
06401-7729	18	2	13	256324	M5 II/III	4	1.00
06490+6104	17	4	16	03241	M6	7	1.00
06557-0857	17	4	1	V523 MON		5	1.00
06594-0538	17	6	15	2639	M2III	5	1.00
07202-2024	17	3	13	173565	M2	6	1.00
07382+2032	17	5	1	Y GEM		7	1.00
07415-2817	17	6	15	2993	K3Ib	6	1.00
07587-6026	17	4	15	3153	M1.5IIa	6	0.99
08095-3928	18	2	15	3225	K3Ib	6	1.00
08538+2002	23	6	17	1344	R6,N	13	1.00
09180+0023	17	5	2	DO 2743		5	1.00
09288+2311	18	5	15	3773	K5III	8	0.97
10298-7257	17	4	15	4142	K4-5III	5	1.00
11065+3634	17	4	15	4333	M3.5IIIab	10	1.00
11153-2152	17	3	13	179746	M3	7	1.00
12163-5451	18	4	15	4682	M1III	6	0.96
13333+0832	16	4	2	DO 3373		6	1.00
13389-0827	18	5	15	5150	M2III	8	1.00
13440-5306	18	2	19	470		4	0.97
14263-4333	18	1	13	224960	MB	6	1.00
15123-0213	18	5	2	DO 3670		7	0.99
15234+1536	31	5	15	5739	M1III	5	1.00
15259-4633	17	2	15	5742	K4III	4	1.00
15490+2107	17	5	15	5899	K4-5III	5	1.00
16063-4906	17	2	1	V NOR		12	1.00
16245-3500	18	2	13	207685	MA	5	1.00
17100-5649	18	3	15	6384	M1-2II-III+A	8	1.00

TABLE 22.– CONTINUED.

AUTOCLASS CLASS = 2 (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
17120-3028	17	3	13	208587	MB	6	1.00
17267-1926	43	5	17	2449	NB,C6	18	1.00
17441-3541	16	3	17	2481	N3,C5	6	1.00
18135+0221	17	7	15	6834	M4IIIab	6	1.00
18148-2703	18	4	15	6842	K3II	7	1.00
18383+4017	16	3	13	47682	MB	5	1.00
18547-2110	17	4	15	7150	K1III	6	1.00
18564-1920	18	3	13	162049	M0	6	1.00
19080-1509	18	3	13	162278	M3	6	1.00
19233+7627	23	7	17	2738	N0,C7	13	1.00
19356+6941	17	4	2	DO 37579		6	1.00
19391-5622	18	2	13	246228	M5/6 III	5	1.00
19569-4944	18	1	13	229976	MB	6	1.00
20134+0730	17	5	2	DO 6597		6	1.00
20159+3355	18	4	2	DO 18825		5	1.00
21185+4908	17	5	2	DO 39448		6	1.00
21260+5931	18	5	15	8224	M3IIIa	7	1.00
21533+5015	17	5	17	3080	LN,R3	5	1.00
22073+7231	18	4	1	DM CEP		6	1.00
23587+6004	23	7	17	3214	N1P,C	9	1.00

AUTOCLASS CLASS = 3

Name	Cl	Nid	Cat	Source	Type	In	Prob
00525+2417	17	6	15	259	M4IIIab	5	1.00
01163+5604	18	4	1	AA CAS		4	1.00
01312+6532	18	5	2	DO 24475		5	1.00
01441-5103	19	3	15	519	M3III	5	0.99
02541+1424	17	3	13	93196	MB	4	1.00
03411-3110	19	3	13	194477	MB	4	1.00
03461+6333	18	3	13	12925	MB	5	1.00
03470+4226	17	4	2	DO 27623		4	1.00
03489-3907	18	1	13	194573	MB	4	1.00
05174-2510	16	3	13	170313	M2	4	1.00
06055-1909	19	4	15	2168	M2III	5	1.00
06295-3249	17	3	13	196905	M0	4	1.00
06413+7702	17	3	13	5969	MB	5	1.00
07190-2547	18	3	15	2802	M4III	5	0.99
07442+3332	19	5	15	3013	M1IIIa	5	1.00
08002-3654	17	3	15	3155	M1III	5	1.00
08563+1819	18	5	15	3577	M4IIIv	5	1.00
09024-4653	17	3	15	3614	K2III	4	1.00
11152-6733	19	4	15	4379	M2III	5	1.00
11220-1035	18	4	15	4402	K5III	6	1.00
12186-6007	18	4	16	05568	K3/4 III	11	1.00
12203-7513	17	4	17	1990	NB	5	1.00
12272-4127	18	4	15	4755	M2II-III	4	1.00
12358+0207	17	6	15	4807	M3III	5	1.00
12413-6139	19					6	0.94
12588-7116	18	2	13	257000	K2III	6	1.00
13019-4055	18	2	15	4938	M3-4III	4	0.98
13478-6909	18	3	15	5194	K5-M0III	4	1.00
16354+2232	18	4	2	DO 15566		5	1.00
16502-4950	16					4	1.00
16583-0408	18	10	15	6318	K4III	4	1.00
17399-0449	31	4	13	141821	M0	5	1.00
17562-0946	18	5	15	6698	K0IIIa	5	1.00
18049+0632	16	5	2	DO 4593		5	1.00
18586+4036	17	6	15	7201	M4IIIa	5	1.00
19032-4137	18	1	13	229495	MB	5	1.00

TABLE 22.– CONCLUDED.

AUTOCLASS CLASS = 3 (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
19292-3058	17	2	13	211345	M0	5	1.00
19320-5307	17	3	13	246178	M4/5 III	5	1.00
19330+3341	17	3	13	68529	M0	4	1.00
19588-5836	17	3	16	12690	M5/6 III	4	1.00
19593+3347	18	6	1	V485 CYG		5	1.00
20201+1645	18	4	2	DO 18920		4	1.00
20380-4218	18	1	13	230323	MB	5	1.00
20461+2803	18	3	13	89145	M3	6	1.00
21172+6058	17	4	16	13656	M3	6	0.95
21552+8004	18	3	13	3658	MB	6	1.00
23408+1003	18	5	15	8991	M2III	6	1.00

TABLE 23.– CROSS-REFERENCE BY IRAS NAME OF SPLIT CLASS 24/δ1.

AutoClass classifications for the 236 LRS spectra
in >taylor>autoclass-x>data>lrs-5425>spectra-class24.base,
using the 171937.06 MML classification in
>taylor>autoclass-x>data>lrs-5425>DISPERSE>SPECTRA-80-1/24-10.WT-SET.

SORTED BY LRS NAME.

Name	AutoClass	Name	AutoClass	Name	AutoClass
00119-0803	(0 1.00)	07202-2024	(2 1.00)	13440-5306	(2 0.97)
00120+1955	(0 0.99)	07254+0901	(1 1.00)	13478-6909	(3 1.00)
00168-0906	(0 1.00)	07382+2032	(2 1.00)	14035-2626	(1 1.00)
00339+4840	(2 1.00)	07415-2817	(2 1.00)	14064+4941	(0 1.00)
00504-0124	(0 1.00)	07433+3738	(0 1.00)	14186-8326	(0 1.00)
00525+2417	(3 1.00)	07442+3332	(3 1.00)	14263-4333	(2 1.00)
01125+7128	(0 1.00)	07471-2443	(0 1.00)	14275+7555	(0 1.00)
01163+5604	(3 1.00)	07587-6026	(2 0.99)	14296+3035	(1 1.00)
01312+6532	(3 1.00)	08002-3654	(3 1.00)	14415-7850	(1 1.00)
01349+4822	(1 1.00)	08095-3928	(2 1.00)	15123-0213	(2 0.99)
01358-5729	(0 1.00)	08194+4320	(1 1.00)	15234+1536	(2 1.00)
01441-5103	(3 0.99)	08239+1249	(1 1.00)	15259-4633	(2 1.00)
02193+0010	(2 1.00)	08252-6558	(0 1.00)	15291+4100	(0 0.99)
02221+3338	(0 1.00)	08437-1038	(1 0.97)	15307-3953	(0 1.00)
02222+5003	(0 1.00)	08442+7821	(0 1.00)	15346-4224	(0 1.00)
02287-5801	(1 0.97)	08484-2731	(0 1.00)	15390-1931	(0 1.00)
02290+7629	(0 1.00)	08538+2002	(2 1.00)	15490+2107	(2 1.00)
02327+3428	(1 0.98)	08563+1819	(3 1.00)	15542-1553	(0 1.00)
02484+3451	(0 1.00)	09024-4653	(3 1.00)	16016-3904	(0 1.00)
02541+1424	(3 1.00)	09058-2539	(0 1.00)	16050-2611	(1 1.00)
02593+7913	(0 1.00)	09180+0023	(2 1.00)	16063-4906	(2 1.00)
03040-0616	(0 0.93)	09232-4345	(0 0.97)	16204+3354	(0 1.00)
03075+5742	(0 1.00)	09288+2311	(2 0.97)	16245-3500	(2 1.00)
03173+2852	(1 0.99)	09289-5808	(0 0.99)	16280+2135	(1 1.00)
03250+7141	(0 1.00)	09301+8132	(0 1.00)	16302+1135	(0 0.99)
03270+4749	(1 1.00)	09372-0054	(1 1.00)	16354+2232	(3 1.00)
03411-3110	(3 1.00)	09438-6216	(1 1.00)	16372-5512	(0 1.00)
03461+6333	(3 1.00)	10098-5834	(0 1.00)	16373+4901	(1 1.00)
03470+4226	(3 1.00)	10158-2844	(0 1.00)	16502-4950	(3 1.00)
03489-3907	(3 1.00)	10236-1634	(1 1.00)	16552+0927	(1 1.00)
04160-2050	(1 0.99)	10295+1423	(1 1.00)	16555-5305	(0 1.00)
04247+4149	(2 1.00)	10298-7257	(2 1.00)	16583-0408	(3 1.00)
04297+4836	(0 1.00)	10310-6555	(0 1.00)	17008+1409	(1 1.00)
05120-0037	(0 1.00)	10348-2709	(1 1.00)	17100-5649	(2 1.00)
05121+4929	(0 1.00)	10393+3157	(0 1.00)	17120-3028	(2 1.00)
05174-2510	(3 1.00)	10471-1555	(1 1.00)	17240+0410	(0 1.00)
05261-2047	(0 1.00)	10599-4050	(1 1.00)	17267-1926	(2 1.00)
05325+0840	(1 1.00)	11065+3634	(2 1.00)	17287+2608	(1 1.00)
05421+2424	(2 1.00)	11068+4446	(1 1.00)	17311-2450	(0 1.00)
05491-3546	(0 1.00)	11152-6733	(3 1.00)	17337-4258	(1 1.00)
06055-1909	(3 1.00)	11153-2152	(2 1.00)	17343+2735	(1 1.00)
06121+5645	(2 1.00)	11168-1430	(1 1.00)	17399-0449	(3 1.00)
06174-0255	(2 1.00)	11220-1035	(3 1.00)	17408-6442	(0 1.00)
06295-3249	(3 1.00)	11231-3728	(1 1.00)	17409+0435	(1 1.00)
06318-3032	(0 1.00)	11434+4803	(0 1.00)	17441-3541	(2 1.00)
06319+4539	(2 1.00)	12163-5451	(2 0.96)	17526+5652	(0 1.00)
06387+5531	(2 1.00)	12186-6007	(3 1.00)	17542-4142	(0 1.00)
06401-7729	(2 1.00)	12203-7513	(3 1.00)	17545+3715	(1 1.00)
06413+7702	(3 1.00)	12272-4127	(3 1.00)	17562-0946	(3 1.00)
06490+6104	(2 1.00)	12317-2307	(0 1.00)	18025-3025	(0 1.00)
06549-4839	(1 1.00)	12358+0207	(3 1.00)	18049+0632	(3 1.00)
06557-0857	(2 1.00)	12413-6139	(3 0.94)	18135+0221	(2 1.00)
06585-0310	(0 1.00)	12588-7116	(3 1.00)	18148-2703	(2 1.00)
06594-0538	(2 1.00)	12596+1113	(0 1.00)	18181+2156	(1 1.00)
06595+1749	(1 1.00)	13019-4055	(3 0.98)	18186-0255	(0 1.00)
06596-5119	(0 1.00)	13079-8931	(0 0.99)	18186-6131	(0 1.00)
07094+5130	(1 1.00)	13175-7754	(0 0.99)	18359-4313	(1 1.00)
07129+0803	(1 1.00)	13333+0832	(2 1.00)	18383+4017	(2 1.00)
07145-2313	(1 1.00)	13367-3929	(0 1.00)	18436-2941	(0 1.00)
07177+8707	(0 1.00)	13372-7136	(1 1.00)	18547-2110	(2 1.00)
07190-2547	(3 0.99)	13389-0827	(2 1.00)	18564-1920	(2 1.00)

TABLE 23.– CONCLUDED.

Name	AutoClass	Name	AutoClass	Name	AutoClass
18578+2244	(0 0.98)	20009+6440	(0 1.00)	21260+5931	(2 1.00)
18586+4036	(3 1.00)	20035-5301	(0 1.00)	21382+4302	(0 1.00)
19032-4137	(3 1.00)	20134+0730	(2 1.00)	21411+4055	(0 1.00)
19080-1509	(2 1.00)	20159+3355	(2 1.00)	21533+5015	(2 1.00)
19125+6734	(1 1.00)	20182-1456	(0 0.99)	21552+8004	(3 1.00)
19233+7627	(2 1.00)	20201+1645	(3 1.00)	22032+4629	(0 1.00)
19266+2433	(1 1.00)	20340-4728	(0 1.00)	22032-0033	(0 1.00)
19292-3058	(3 1.00)	20380-4218	(3 1.00)	22073+7231	(2 1.00)
19320-5307	(3 1.00)	20430+5618	(1 1.00)	22469-1351	(1 1.00)
19330+3341	(3 1.00)	20442+3347	(1 1.00)	22478+6556	(1 1.00)
19356+6941	(2 1.00)	20461+2803	(3 1.00)	23044+0908	(0 1.00)
19390+3229	(0 0.99)	20488-2706	(1 1.00)	23073-4051	(1 1.00)
19391-5622	(2 1.00)	21041-2512	(1 1.00)	23217+4120	(0 1.00)
19483+0844	(1 1.00)	21049-0021	(0 1.00)	23372+7721	(0 1.00)
19487+3835	(1 1.00)	21087-7019	(1 1.00)	23408+1003	(3 1.00)
19569-4944	(2 1.00)	21129-1522	(1 1.00)	23499+1850	(0 1.00)
19588-5836	(3 1.00)	21172+6058	(3 0.95)	23587+6004	(2 1.00)
19593+3347	(3 1.00)	21185+4908	(2 1.00)		

TABLE 24.– CROSS-REFERENCE BY AUTOCLASS CLASS OF SPLIT CLASS 31/δ8.

AutoClass classifications for the 137 LRS spectra
in >taylor>autoclass-x>data>lrs-5425>spectra-class31.base,
using the 133050.47 MML classification in
>taylor>autoclass-x>data>lrs-5425>disperse>spectra-80-1/31-10.wt-set.

SORTED BY AUTOCLASS CLASSIFICATION.

AUTOCLASS CLASS = 0

Name	Cl	Nid	Cat	Source	Type	In	Prob
00012+6626	18	6	15	9099	M4III	5	1.00
00114-8516	18	3	15	47	M0-1III	4	1.00
00172+4425	24	6	17	11	N7	11	1.00
00262+4808	17	3	13	36408	M0	5	1.00
00482+6132	18	5	15	237	K2Ib-II	3	1.00
00536+6026	18	8	1	03 CAS		5	1.00
01038-4659	18	4	15	322	G8III	5	1.00
02063-1801	18	5	15	625	M2III	4	1.00
02131-6804	16	4	15	667	M1III	3	1.00
02184+2311	17	4	2	DO 9202		3	1.00
02488+5348	18	4	16	00967	M5	4	1.00
02503+7406	31	3	13	4762		4	1.00
02526+3050	19	3	2	DO 9617		5	1.00
02544+0418	17	7	15	877	M4III	6	1.00
03022-5907	17	3	1	V HOR	M5III	4	1.00
03088+7403	18	3	13	4855	M0	3	1.00
03281+2832	17	4	1	BG TAU		4	0.99
03496-4014	17	2	13	216523	MB	4	1.00
04113+5248	19	2	2	DO 28090		4	1.00
04256+1904	18	5	15	1409	G9.5III	4	1.00
04445+6125	17	4	16	01720-	M5	5	1.00
04481-5645	01	2	13	233694	M2III	3	1.00
05040+0028	17	6	1	V430 ORI		4	1.00
05088+1559	18	4	15	1684	K5III	4	1.00
05300+1301	17	4	16	02106	M3	4	1.00
05443-7516	16	2	1	R MEN	M5/6	4	1.00
05449-1249	17	3	13	150808	M2	6	1.00
06015-6005	17	3	15	2151	M4III	6	1.00
06031+2931	16	5	15	2146	M3II+F7V	4	1.00
06184+0235	17	5	2	DO 1522		4	1.00
06475+1335	01					3	1.00
06548-0859	16	3	1	X MON		4	1.00
07250+4801	16	5	2	DO 31576		4	1.00
07277-3634	16	1	13	198053	MA	4	1.00
07314+3159	18	9	15	2890	A2Vm	4	1.00
07381-1508	18	4	15	2959	K3II	4	1.00
07407+3857	18	4	2	DO 13256		5	1.00
07432+1837	17	4	15	3003	K5III	5	1.00
07464-4031	18	3	15	3041	M2III	4	1.00
07549-4950	17	2	17	967	NB,R	4	1.00
08285-3633	17	4	15	3364	M2Iab	5	1.00
08297+6721	17	4	2	DO 32354		3	1.00
08358-4015	18	1	13	220203	MA	4	1.00
09510+0611	01	6	15	3915	M2III	5	1.00
10052+1014	18	4	15	3980	K3.5IIIb	5	1.00
10248-3048	18	5	15	4104	K4III	7	1.00
10435-4711	17	2	13	222303	M3/4 III	5	1.00
11371-7216	17	3	17	1901	NA	4	1.00
11448-5724	17	4	15	4526	K5III	5	1.00
11458-6632	18	3	15	4530	K4III	6	1.00
11577+8107	17	4	15	4586	M2III	4	1.00
12035-7316	18	2	13	256902	M2III	5	1.00
12123-5432	18	3	1	V369 CEN	M5II	5	1.00
12173+4915	17	4	15	4690	M0III	5	1.00
12226+5703	18	5	15	4726	M3IIIb	5	1.00
12359+0715	17	6	15	4808	M4.5IIIe	5	1.00
12525-4238	18	2	15	4906	M0III	4	1.00

TABLE 24.– CONTINUED.

AUTOCLASS CLASS = 0 (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
13047+2753	17	5	15	4954	K5III	4	1.00
13150-6103	17	2	13	252253	M4III	6	1.00
13188-6357	17	3	17	2082	NB	4	1.00
13336-5444	17	1	40		M6 III	4	1.00
13540-5728	17	4	1	V412 CEN	M3 IAB/B	4	1.00
14089+7746	18	4	15	5321	K3III	3	1.00
14104-1337	18	3	13	158431	MB	5	1.00
14111+6939	16	6	15	5334	M2IIIab	4	1.00
14405-3457	18	1	13	205871	K0	6	1.00
15038-1603	19	4	15	5622	K5III	4	1.00
15328+7731	17	4	15	5826	K5III	4	1.00
15518-2040	17	2	4	TMSS -20298		4	1.00
16012-5612	18	2	13	243305	M2 IAB/B	4	1.00
16245-4333	16	1	17	2333	N3,C5	4	1.00
16578-2935	17	2	13	184912	M3	3	1.00
16592-6812	17	2	13	253783	M3/4 III	5	0.99
17017+3528	18	5	15	6346	M4IIIab	7	1.00
17078-4848	18	2	15	6374	M1-2III	8	1.00
17188-4141	17	2	19	522		4	1.00
17375-0207	17	7	15	6578	K2.5Ib	5	1.00
17410+2940	17	3	2	DO 16196		4	1.00
18200+2315	18	5	15	6882	M0IIIab	4	1.00
18433-2226	05	4	15	7046	K4III	6	1.00
18448-0545	19	6	15	7066	K0Ibpv	5	1.00
18562+1417	22	7	17	2684	N4	7	1.00
19113+0232	17	6	1	V842 AQL		5	1.00
19279-5416	17	2	13	246143	M4III	5	1.00
19384-0402	18	5	2	DO 6039		6	1.00
19538-2718	18	3	15	7604	K3II	5	1.00
19552-4159	23	3	1	RU SGR		6	1.00
20213+0047	17	7	19	646		6	1.00
20504+5106	18	3	2	DO 38943		4	1.00
20509-5838	18	3	15	7986	K1II	5	1.00
21376+4457	17	5	1	V539 CYG		3	1.00
21500-7710	18	2	16	13906	M5III	4	0.91
21595-7259	17	2	13	257996	M5III	3	1.00
22108+6302	17	4	15	8483	M3IIIab	5	1.00
22303+5257	18	5	2	DO 41530		5	1.00
22497+4302	17	5	15	8699	M0III	5	1.00
22549+8404	17	4	15	8748	K4III	3	1.00
23123+4031	16	6	1	TY AND		4	1.00
23533+1457	18	5	2	DO 22554		5	1.00

AUTOCLASS CLASS = 1

Name	Cl	Nid	Cat	Source	Type	In	Prob
00039+2648	16	5	1	TT PEG		5	1.00
00040-3252	18	4	40		M5/6 III	5	1.00
00140+0134	05	5	2	DO 59		4	1.00
01118+6623	16	3	4	TMSS +70020		5	1.00
01215-0826	16	4	13	129274	K0	5	1.00
03490-7001	16	2	1	UX HYI	M4III	3	1.00
05254+6301	17	8	15	1802	M1IIIa	4	1.00
05327+3800	17	6	1	IX AUR		4	1.00
08053-2246	17	5	17	1046	N	6	1.00
08079-4711	17	5	15	3207	WC8+O7.5e	6	1.00
08532-0857	16	3	1	T HYA		4	1.00
09121+5657	17	6	15	3660	K5III	4	1.00
09126-0345	17	4	2	DO 2727		5	1.00
09145-4403	16	3	15	3692	K3Ib	4	1.00

TABLE 24.– CONCLUDED.

AUTOCLASS CLASS = 1 (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
10112+5635	17	4	16	04787		5	1.00
10537+7436	17	4	2	DO 33498		9	0.95
12057-5026	16	5	15	4621	B2IVne	4	1.00
12206-6221	01	1	7	HEN 782		5	1.00
13028-6415	16	1	40		M4 IB/II	4	1.00
13524-2611	17	3	13	182081	M4	6	0.97
15163-5713	17	2	13	242421	M3III	4	1.00
15278-6223	17	2	17	2254	NP	4	1.00
16341-4251	18					5	1.00
17130+4514	15	3	13	46581	MB	3	1.00
17228-3959	17	2	17	2440	N	5	1.00
17381-5029	17	2	15	6576	M3III	6	1.00
18210-4526	17	1	1	V581 CRA		4	1.00
18360-1349	16	3	13	161693	K5	4	1.00
18430+0506	17					5	1.00
18498-0524	32	3	13	142733	MA	4	1.00
18599+2246	17					4	1.00
19549+5842	16	5	15	7633	K5II-III	4	1.00
20208+0747	17	4	4	TMSS +10465		5	1.00
20210+1812	17	3	13	106053	MC	4	0.92
20548+1603	17	5	2	DO 19712		6	1.00
22017-3556	17	2	13	213522	MA	4	1.00
22190-1248	17	2	13	165021	M4	4	1.00
22378+4024	17	5	2	DO 21656		4	1.00

TABLE 25.– CROSS-REFERENCE BY IRAS NAME OF SPLIT CLASS 31/88.

AutoClass classifications for the 137 LRS spectra
in >taylor>autoclass-x>data>lrs-5425>spectra-class31.base,
using the 103713.25 MML classification in
>taylor>autoclass-x>data>lrs-5425>DISPERSE>SPECTRA-80-1/31-10.WT-SET.

SORTED BY LRS NAME.

Name	AutoClass	Name	AutoClass	Name	AutoClass
00012+6626	(0 1.00)	07464-4031	(0 1.00)	16245-4333	(0 1.00)
00039+2648	(1 1.00)	07549-4950	(0 1.00)	16341-4251	(1 1.00)
00040-3252	(1 1.00)	08053-2246	(1 1.00)	16578-2935	(0 1.00)
00114-8516	(0 1.00)	08079-4711	(1 1.00)	16592-6812	(0 0.99)
00140+0134	(1 1.00)	08285-3633	(0 1.00)	17017+3528	(0 1.00)
00172+4425	(0 1.00)	08297+6721	(0 1.00)	17078-4848	(0 1.00)
00262+4808	(0 1.00)	08358-4015	(0 1.00)	17130+4514	(1 1.00)
00482+6132	(0 1.00)	08532-0857	(1 1.00)	17188-4141	(0 1.00)
00536+6026	(0 1.00)	09121+5657	(1 1.00)	17228-3959	(1 1.00)
01038-4659	(0 1.00)	09126-0345	(1 1.00)	17375-0207	(0 1.00)
01118+6623	(1 1.00)	09145-4403	(1 1.00)	17381-5029	(1 1.00)
01215-0826	(1 1.00)	09510+0611	(0 1.00)	17410+2940	(0 1.00)
02063-1801	(0 1.00)	10052+1014	(0 1.00)	18200+2315	(0 1.00)
02131-6804	(0 1.00)	10112+5635	(1 1.00)	18210-4526	(1 1.00)
02184+2311	(0 1.00)	10248-3048	(0 1.00)	18360-1349	(1 1.00)
02488+5348	(0 1.00)	10435-4711	(0 1.00)	18430+0506	(1 1.00)
02503+7406	(0 1.00)	10537+7436	(1 0.95)	18433-2226	(0 1.00)
02526+3050	(0 1.00)	11371-7216	(0 1.00)	18448-0545	(0 1.00)
02544+0418	(0 1.00)	11448-5724	(0 1.00)	18498-0524	(1 1.00)
03022-5907	(0 1.00)	11458-6632	(0 1.00)	18562+1417	(0 1.00)
03088+7403	(0 1.00)	11577+8107	(0 1.00)	18599+2246	(1 1.00)
03281+2832	(0 0.99)	12035-7316	(0 1.00)	19113+0232	(0 1.00)
03490-7001	(1 1.00)	12057-5026	(1 1.00)	19279-5416	(0 1.00)
03496-4014	(0 1.00)	12123-5432	(0 1.00)	19384-0402	(0 1.00)
04113+5248	(0 1.00)	12173+4915	(0 1.00)	19538-2718	(0 1.00)
04256+1904	(0 1.00)	12206-6221	(1 1.00)	19549+5842	(1 1.00)
04445+6125	(0 1.00)	12226+5703	(0 1.00)	19552-4159	(0 1.00)
04481-5645	(0 1.00)	12359+0715	(0 1.00)	20208+0747	(1 1.00)
05040+0028	(0 1.00)	12525-4238	(0 1.00)	20210+1812	(1 0.92)
05088+1559	(0 1.00)	13028-6415	(1 1.00)	20213+0047	(0 1.00)
05254+6301	(1 1.00)	13047+2753	(0 1.00)	20504+5106	(0 1.00)
05300+1301	(0 1.00)	13150-6103	(0 1.00)	20509-5838	(0 1.00)
05327+3800	(1 1.00)	13188-6357	(0 1.00)	20548+1603	(1 1.00)
05443-7516	(0 1.00)	13336-5444	(0 1.00)	21376+4457	(0 1.00)
05449-1249	(0 1.00)	13524-2611	(1 0.97)	21500-7710	(0 0.91)
06015-6005	(0 1.00)	13540-5728	(0 1.00)	21595-7259	(0 1.00)
06031+2931	(0 1.00)	14089+7746	(0 1.00)	22017-3556	(1 1.00)
06184+0235	(0 1.00)	14104-1337	(0 1.00)	22108+6302	(0 1.00)
06475+1335	(0 1.00)	14111+6939	(0 1.00)	22190-1248	(1 1.00)
06548-0859	(0 1.00)	14405-3457	(0 1.00)	22303+5257	(0 1.00)
07250+4801	(0 1.00)	15038-1603	(0 1.00)	22378+4024	(1 1.00)
07277-3634	(0 1.00)	15163-5713	(1 1.00)	22497+4302	(0 1.00)
07314+3159	(0 1.00)	15278-6223	(1 1.00)	22549+8404	(0 1.00)
07381-1508	(0 1.00)	15328+7731	(0 1.00)	23123+4031	(0 1.00)
07407+3857	(0 1.00)	15518-2040	(0 1.00)	23533+1457	(0 1.00)
07432+1837	(0 1.00)	16012-5612	(0 1.00)		

TABLE 26.– CROSS-REFERENCE BY AUTOCLASS CLASS OF SPLIT CLASS 36/ζ0.

AutoClass classifications for the 98 LRS spectra
in >taylor>autoclass-x>data>lrs-5425>spectra-class36.base,
using the 94124.836 MML classification in
>taylor>autoclass-x>data>lrs-5425>disperse>spectra-80-1/36-10.wt-set.

SORTED BY AUTOCLASS CLASSIFICATION.

AUTOCLASS CLASS = 0

Name	Cl	Nid	Cat	Source	Type	In	Prob
03206+6521	34					13	1.00
13065-6354	33					4	1.00
13255-6102	33					5	1.00
13328-6244	34					15	1.00
13371-6249	33					10	1.00
13581-5930	34					18	1.00
15225-5605	32					10	1.00
15303-5456	35					5	1.00
16070-4727	34					5	1.00
16263-5533	33					10	1.00
16498-4143	35	3	23	ASS 67		6	1.00
16550-4314	33					6	1.00
17264-3521	33					4	1.00
17416-3131	34					4	1.00
17505-3143	34	1	3	RAFGL 5403		11	1.00
17531-0940	34					5	1.00
18077-2614	34					4	1.00
18216-1552	34					5	1.00
18560+0638	34	3	3	RAFGL 2290		32	1.00
21558+5907	33					8	1.00

AUTOCLASS CLASS = 1

Name	Cl	Nid	Cat	Source	Type	In	Prob
04064+5052	13					4	1.00
05044-0325	80	3	23	CED 040		5	1.00
05358-0704	71	4	1	V883 ORI		7	1.00
06308+0402	14					7	1.00
07013-1128	31	5	1	Z CMA		16	1.00
07017-1114	31	5	7	6M 9		6	1.00
10308-6122	14	2	14	128-EN 4	Em	4	1.00
10591-5934	80	4	20	G289.520		11	1.00
12496-7650	33					7	1.00
13064-6103	31	2	11	PK 305+ 1.1		7	1.00
15357-5239	32					4	1.00
15509-5207	32					8	1.00
16029-3041	32	1	3	RAFGL 1822		18	1.00
16327-4848	32					15	1.00
16541-4901	33					5	1.00
18044-1947	32					10	1.00
19520+2759	50					6	1.00
20187+4111	31	6	7	+404124		12	1.00
21381+5000	32	2	1	V645 CYG		13	1.00
23507+6230	14					4	1.00

AUTOCLASS CLASS = 2

Name	Cl	Nid	Cat	Source	Type	In	Prob
00450-2533	81	13	6	N0253		6	1.00
02401-0013	32	12	6	N1068		5	1.00
03236+5836	73	1	3	RAFGL 490		9	1.00

TABLE 26.– CONTINUED.

AUTOCLASS CLASS = 2 (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
06364+0846	50	6	1	R MON		6	1.00
08438-4340	50	2	39	DCC263.6-00.5		7	1.00
08470-4243	50	2	14	260-PN? 8	Pl	5	1.00
11066-7722	80	9	7	97048	A0peShell	3	1.00
12389-6147	80					8	1.00
15408-5413	71					17	1.00
16357-4701	71					11	1.00
18184-1302	82	2	7	MWC 922		34	1.00
19097+0847	81	5	21	43.182		6	1.00
19327+3024	81	3	7	184738		10	1.00
20110+3321	32					4	1.00
22566+5830	50	6	22	S152		8	1.00

AUTOCLASS CLASS = 3

Name	Cl	Nid	Cat	Source	Type	In	Prob
06114+1745	80	2	3	RAFGL 5188		5	1.00
08247-4223	33					4	1.00
10105-5719	80					6	1.00
10366-5931	71					3	0.97
11354-6154	72					6	1.00
11431-6516	80					4	1.00
14198-6115	33					4	1.00
14206-6151	72					4	1.00
14346-5952	50					3	1.00
15246-5612	73	3	20	G323.440		6	1.00
16437-3140	33					3	1.00
18162-1612	80					5	1.00
18586+0106	35	1	39	NRAO588		3	1.00
19410+2336	74					6	1.00
20261+3825	01					3	1.00

AUTOCLASS CLASS = 4

Name	Cl	Nid	Cat	Source	Type	In	Prob
00087+5833	63	2	1	V376 CAS		5	1.00
00152+6534	13					2	1.00
06070-0619	16	3	23	CED 068		3	1.00
06121+1221	14	2	39	DCC197.8-02.3		3	1.00
10277-5730	14					4	1.00
11294-6257	15					3	1.00
11332-6258	50					4	1.00
15062-5622	15					4	1.00
15476-4836	12	3	7	330036		3	1.00
16434-4545	10	3	7	HEN1250		45	1.00
18102-1828	22					7	1.00
19493+2905	43					3	1.00
20024+3330	80					7	1.00
21329+5113	14					3	1.00

TABLE 26.– CONCLUDED.

AUTOCLASS CLASS = 5

Name	Cl	Nid	Cat	Source	Type	In	Prob
03293+6010	33	1	3	RAFGL 5097		6	1.00
13305-6316	35					5	1.00
13557-6442	35					5	1.00
15004-5809	34					5	1.00
15408-5657	33					4	1.00
16105-4205	35					79	1.00
16460-4022	36					54	1.00
18096-1003	34					5	1.00
18286-1610	32					3	1.00
18298-2111	34					9	1.00
18302-1052	74					3	1.00
18385-0617	35					8	1.00
19352+2030	03					8	1.00
22187+5559	72	1	39	WK447		3	1.00

TABLE 27.– CROSS-REFERENCE BY IRAS NAME OF SPLIT CLASS 36/ζ0.

AutoClass classifications for the 98 LRS spectra
in >taylor>autoclass-x>data>lrs-5425>spectra-class36.base,
using the 73139.09 MML classification in
>taylor>autoclass-x>data>lrs-5425>DISPERSE>SPECTRA-80-1/36-10.WT-SET.

SORTED BY LRS NAME.

Name	AutoClass	Name	AutoClass	Name	AutoClass
00087+5833	(4 1.00)	13065-6354	(0 1.00)	17416-3131	(0 1.00)
00152+6534	(4 1.00)	13255-6102	(0 1.00)	17505-3143	(0 1.00)
00450-2533	(2 1.00)	13305-6316	(5 1.00)	17531-0940	(0 1.00)
02401-0013	(2 1.00)	13328-6244	(0 1.00)	18044-1947	(1 1.00)
03206+6521	(0 1.00)	13371-6249	(0 1.00)	18077-2614	(0 1.00)
03236+5836	(2 1.00)	13557-6442	(5 1.00)	18096-1003	(5 1.00)
03293+6010	(5 1.00)	13581-5930	(0 1.00)	18102-1828	(4 1.00)
04064+5052	(1 1.00)	14198-6115	(3 1.00)	18162-1612	(3 1.00)
05044-0325	(1 1.00)	14206-6151	(3 1.00)	18184-1302	(2 1.00)
05358-0704	(1 1.00)	14346-5952	(3 1.00)	18216-1552	(0 1.00)
06070-0619	(4 1.00)	15004-5809	(5 1.00)	18286-1610	(5 1.00)
06114+1745	(3 1.00)	15062-5622	(4 1.00)	18298-2111	(5 1.00)
06121+1221	(4 1.00)	15225-5605	(0 1.00)	18302-1052	(5 1.00)
06308+0402	(1 1.00)	15246-5612	(3 1.00)	18385-0617	(5 1.00)
06364+0846	(2 1.00)	15303-5456	(0 1.00)	18560+0638	(0 1.00)
07013-1128	(1 1.00)	15357-5239	(1 1.00)	18586+0106	(3 1.00)
07017-1114	(1 1.00)	15408-5413	(2 1.00)	19097+0847	(2 1.00)
08247-4223	(3 1.00)	15408-5657	(5 1.00)	19327+3024	(2 1.00)
08438-4340	(2 1.00)	15476-4836	(4 1.00)	19352+2030	(5 1.00)
08470-4243	(2 1.00)	15509-5207	(1 1.00)	19410+2336	(3 1.00)
10105-5719	(3 1.00)	16029-3041	(1 1.00)	19493+2905	(4 1.00)
10277-5730	(4 1.00)	16070-4727	(0 1.00)	19520+2759	(1 1.00)
10308-6122	(1 1.00)	16105-4205	(5 1.00)	20024+3330	(4 1.00)
10366-5931	(3 0.97)	16263-5533	(0 1.00)	20110+3321	(2 1.00)
10591-5934	(1 1.00)	16327-4848	(1 1.00)	20187+4111	(1 1.00)
11066-7722	(2 1.00)	16367-4701	(2 1.00)	20261+3825	(3 1.00)
11294-6257	(4 1.00)	16434-4545	(4 1.00)	21329+5113	(4 1.00)
11332-6258	(4 1.00)	16437-3140	(3 1.00)	21381+5000	(1 1.00)
11354-6154	(3 1.00)	16460-4022	(5 1.00)	21558+5907	(0 1.00)
11431-6516	(3 1.00)	16498-4143	(0 1.00)	22187+5559	(5 1.00)
12389-6147	(2 1.00)	16541-4901	(1 1.00)	22566+5830	(2 1.00)
12496-7650	(1 1.00)	16550-4314	(0 1.00)	23507+6230	(1 1.00)
13064-6103	(1 1.00)	17264-3521	(0 1.00)		

TABLE 28.– CROSS-REFERENCE BY AUTOCLASS CLASS OF SPLIT CLASS 40/ζ4.

AutoClass classifications for the 121 LRS spectra
in >taylor>autoclass-x>data>lrs-5425>spectra-class40.base,
using the 112514.79 MML classification in
>taylor>autoclass-x>data>lrs-5425>disperse>spectra-80-1/40-10.wt-set.

SORTED BY AUTOCLASS CLASSIFICATION.

AUTOCLASS CLASS = 0

Name	Cl	Nid	Cat	Source	Type	In	Prob
05131+4530	42	3	3	RAFGL 712		7	1.00
06176-1036	80	3	16	02919	BE	63	1.00
06319-0501	32	1	3	RAFGL 5201		8	1.00
13572-6347	32					10	1.00
15086-5613	31					5	1.00
15373-5308	13					6	1.00
15422-4414	31					4	1.00
15474-5223	32					14	1.00
16055-4621	31					7	1.00
16546-4057	31					12	1.00
17047-5650	80	1	7	-568032		25	1.00
17076-4702	32					5	1.00
17167-4055	32					6	1.00
17319-6234	31					20	1.00
17459-3057	31					10	1.00
17482-2824	42	1	3	RAFGL 5146S		53	1.00
18176-1848	32	1	3	RAFGL 5471		7	1.00
18205-1212	31					4	1.00
18273-0738	31					7	1.00
18437-0643	32					8	1.00
18554+0231	31					7	1.00
18585+0900	41					8	1.00
19161+2343	31	2	3	RAFGL 2362		14	1.00
19190+1128	32					4	1.00
19192+0922	31	1	3	RAFGL 2374		18	1.00
19236+1359	13					5	1.00
19520+2729	33					4	1.00
20491+4236	43					7	1.00
23268+6854	13					4	1.00
23541+7031	31	2	11	PK 118+ 8.1		12	1.00

AUTOCLASS CLASS = 1

Name	Cl	Nid	Cat	Source	Type	In	Prob
02345+5422	23	1	3	RAFGL 5076		4	1.00
05361+4644	23	4	2	DO 29533		18	1.00
09354-5627	13					3	1.00
09593-5540	42					8	1.00
10226-5229	42					7	1.00
11418-6706	14					4	1.00
13064-6433	42					4	1.00
14353-4809	14					4	1.00
14582-5926	42					19	1.00
16229-4947	43					6	1.00
16265-5100	41					4	1.00
16275-2638	24					4	1.00
16279-5342	42					5	1.00
16314-5611	42					4	1.00
16320-4419	43					3	1.00
16399-3548	23					5	1.00
16432-4727	24					5	1.00
16469-4753	13					6	1.00
16545-4810	13					5	1.00
17125-4814	42					8	1.00

TABLE 28.– CONTINUED.

AUTOCLASS CLASS = 1 (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
17360-3012	42	1	3	RAFGL 1992		34	1.00
17443-2519	42	1	3	RAFGL 5386		7	1.00
17450-2724	13					5	1.00
17515-2407	42	1	3	RAFGL 6903S		6	1.00
18034-2203	42					5	1.00
18267-0606	13	2	16	10890	BE	11	1.00
18303-0519	23					8	1.00
19142+1034	13					3	1.00
19508+2659	43					4	1.00
20181+2234	42					4	1.00

AUTOCLASS CLASS = 2

Name	Cl	Nid	Cat	Source	Type	In	Prob
00170+6542	24					3	1.00
05513-1024	23					3	1.00
06283+1028	50	7	1	V481 MON		5	1.00
09014-4736	80					8	1.00
09448-4748	04					4	1.00
09526-5701	14					3	1.00
10028-5825	64	6	7	87643		13	1.00
12131-6442	24					3	1.00
12204-6203	23	1	7	HEN 781		3	1.00
15229-5445	14					4	1.00
16005-4126	12					5	1.00
16384-4704	42					3	1.00
17189-6501	24					4	1.00
17288-3748	50					4	1.00
17567-3233	24					4	1.00
18006-3213	22					4	1.00
18021-2022	50					3	1.00
18081-2138	14					7	1.00
18207-1029	43					3	1.00
18210-1825	14					4	1.00
18281+2149	25	3	1	AC HER		5	1.00
18333+0533	42	1	3	RAFGL 2199		26	1.00
18467-4802	22					27	1.00
18535+0726	12					5	1.00
19231-2717	22					4	1.00
19420+3318	24					3	1.00
20422+4644	13					3	1.00
21023+5002	50	2	23	LDN 0988		4	1.00

AUTOCLASS CLASS = 3

Name	Cl	Nid	Cat	Source	Type	In	Prob
00127+6058	43	2	22	S172		3	1.00
01144+6658	21	2	3	RAFGL 190		11	1.00
14119-6453	42					7	1.00
15054-5458	12					3	1.00
15142-5547	14					3	1.00
15399-5305	31					5	1.00
16001-4851	42					3	1.00
16467-4255	73					4	1.00
17030-4246	13	1	23	MRSL 344-01/1		3	1.00
18185-2531	13					3	1.00
18265-0205	16					3	1.00

TABLE 28.– CONCLUDED.

AUTOCLASS CLASS = 3 (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
18540+0302	32	1	2	DO 5207		4	1.00
19131+1157	12					3	1.00
19210+1448	32					9	1.00
20065+3509	13	1	23	LDN 0856		3	1.00
21122+4900	13					3	1.00

AUTOCLASS CLASS = 4

Name	Cl	Nid	Cat	Source	Type	In	Prob
00210+6221	12					6	1.00
03313+6058	22					4	1.00
06582+1507	22					4	1.00
08171-2134	22	1	3	RAFGL 5250		14	1.00
12042-6355	11					5	1.00
13527-6117	43					10	1.00
15471-5644	21					15	1.00
17534-3030	21	1	3	RAFGL 5416		19	1.00
18550+0130	32					7	1.00
19075+0921	12					12	1.00
19238+1159	12					6	1.00
19304+2529	12					5	1.00
19548+3035	21	1	3	RAFGL 2477		9	1.00
21318+5631	21	1	23	LDN 1085		23	1.00
22303+5950	41					7	1.00
23166+1655	02	1	3	RAFGL 3068		63	1.00

AUTOCLASS CLASS = 5

Name	Cl	Nid	Cat	Source	Type	In	Prob
17272-2657	13					3	1.00

TABLE 29.– CROSS-REFERENCE BY IRAS NAME OF SPLIT CLASS 40/ζ4.

AutoClass classifications for the 121 LRS spectra
in >taylor>autoclass-x>data>lrs-5425>spectra-class40.base,
using the 86603.8 MML classification in
>taylor>autoclass-x>data>lrs-5425>DISPERSE>SPECTRA-80-1/40-10.WT-SET.

SORTED BY LRS NAME.

Name	AutoClass	Name	AutoClass	Name	AutoClass
00127+6058	(3 1.00)	16005-4126	(2 1.00)	18265-0205	(3 1.00)
00170+6542	(2 1.00)	16055-4621	(0 1.00)	18267-0606	(1 1.00)
00210+6221	(4 1.00)	16229-4947	(1 1.00)	18273-0738	(0 1.00)
01144+6658	(3 1.00)	16265-5100	(1 1.00)	18281+2149	(2 1.00)
02345+5422	(1 1.00)	16275-2638	(1 1.00)	18303-0519	(1 1.00)
03313+6058	(4 1.00)	16279-5342	(1 1.00)	18333+0533	(2 1.00)
05131+4530	(0 1.00)	16314-5611	(1 1.00)	18437-0643	(0 1.00)
05361+4644	(1 1.00)	16320-4419	(1 1.00)	18467-4802	(2 1.00)
05513-1024	(2 1.00)	16384-4704	(2 1.00)	18535+0726	(2 1.00)
06176-1036	(0 1.00)	16399-3548	(1 1.00)	18540+0302	(3 1.00)
06283+1028	(2 1.00)	16432-4727	(1 1.00)	18550+0130	(4 1.00)
06319-0501	(0 1.00)	16467-4255	(3 1.00)	18554+0231	(0 1.00)
06582+1507	(4 1.00)	16469-4753	(1 1.00)	18585+0900	(0 1.00)
08171-2134	(4 1.00)	16545-4810	(1 1.00)	19075+0921	(4 1.00)
09014-4736	(2 1.00)	16546-4057	(0 1.00)	19131+1157	(3 1.00)
09354-5627	(1 1.00)	17030-4246	(3 1.00)	19142+1034	(1 1.00)
09448-4748	(2 1.00)	17047-5650	(0 1.00)	19161+2343	(0 1.00)
09526-5701	(2 1.00)	17076-4702	(0 1.00)	19190+1128	(0 1.00)
09593-5540	(1 1.00)	17125-4814	(1 1.00)	19192+0922	(0 1.00)
10028-5825	(2 1.00)	17167-4055	(0 1.00)	19210+1448	(3 1.00)
10226-5229	(1 1.00)	17189-6501	(2 1.00)	19231-2717	(2 1.00)
11418-6706	(1 1.00)	17272-2657	(5 1.00)	19236+1359	(0 1.00)
12042-6355	(4 1.00)	17288-3748	(2 1.00)	19238+1159	(4 1.00)
12131-6442	(2 1.00)	17319-6234	(0 1.00)	19304+2529	(4 1.00)
12204-6203	(2 1.00)	17360-3012	(1 1.00)	19420+3318	(2 1.00)
13064-6433	(1 1.00)	17443-2519	(1 1.00)	19508+2659	(1 1.00)
13527-6117	(4 1.00)	17450-2724	(1 1.00)	19520+2729	(0 1.00)
13572-6347	(0 1.00)	17459-3057	(0 1.00)	19548+3035	(4 1.00)
14119-6453	(3 1.00)	17482-2824	(0 1.00)	20065+3509	(3 1.00)
14353-4809	(1 1.00)	17515-2407	(1 1.00)	20181+2234	(1 1.00)
14582-5926	(1 1.00)	17534-3030	(4 1.00)	20422+4644	(2 1.00)
15054-5458	(3 1.00)	17567-3233	(2 1.00)	20491+4236	(0 1.00)
15086-5613	(0 1.00)	18006-3213	(2 1.00)	21023+5002	(2 1.00)
15142-5547	(3 1.00)	18021-2022	(2 1.00)	21122+4900	(3 1.00)
15229-5445	(2 1.00)	18034-2203	(1 1.00)	21318+5631	(4 1.00)
15373-5308	(0 1.00)	18081-2138	(2 1.00)	22303+5950	(4 1.00)
15399-5305	(3 1.00)	18176-1848	(0 1.00)	23166+1655	(4 1.00)
15422-4414	(0 1.00)	18185-2531	(3 1.00)	23268+6854	(0 1.00)
15471-5644	(4 1.00)	18205-1212	(0 1.00)	23541+7031	(0 1.00)
15474-5223	(0 1.00)	18207-1029	(2 1.00)		
16001-4851	(3 1.00)	18210-1825	(2 1.00)		

TABLE 30.– CROSS-REFERENCE BY AUTOCLASS CLASS OF SPLIT CLASS 64/λ20.

AutoClass classifications for the 121 LRS spectra
in >taylor>autoclass-x>data>lrs-5425>spectra-class64.base,
using the 109852.52 MML classification in
>taylor>autoclass-x>data>lrs-5425>disperse>spectra-80-1/64-10.wt-set.

SORTED BY AUTOCLASS CLASSIFICATION.

AUTOCLASS CLASS = 0

Name	Cl	Nid	Cat	Source	Type	In	Prob
00222+6952	14	4	2	DO 23258		4	1.00
01234+5454	14	3	4	TMSS +50035		4	1.00
02587+2136	14	3	4	TMSS +20052		6	1.00
03301+5658	43					3	1.00
04280+2722	14	3	4	TMSS +30087		8	1.00
06181+0406	23					5	1.00
06192+4657	42					6	1.00
06505-0450	14					4	1.00
07036-2220	14					4	1.00
07091-2902	14	3	13	173150	M5	7	1.00
07146-1614	14					4	1.00
08276-5125	13					3	1.00
09164-5349	43	1	17	1427		7	1.00
09496-5050	42					4	1.00
10350-5710	14					3	1.00
10368-6010	14					4	1.00
12142-6410	15					4	1.00
12550-7407	13					3	1.00
12575-7041	13	1	1	RZ MUS		4	1.00
12595-6035	14					3	1.00
13045-6404	13					7	1.00
14010-6920	14					5	1.00
14232-6106	43					5	1.00
14358-6303	14					5	1.00
15307-5649	14					5	1.00
15576-5331	42					5	1.00
16052-2339	31	2	13	184147	M3	7	1.00
16258-4642	14					3	1.00
16406-1406	14					4	1.00
16538-4652	14					3	1.00
17050-4642	42					5	1.00
17445-3128	42					4	1.00
18163-1426	14					5	1.00
18400-0704	42					6	1.00
19147+1349	22					3	1.00
19384+4346	14	4	1	V462 CYG		5	1.00
20014+2830	13					4	1.00
20503+2658	14	3	1	UW VUL		5	1.00
21345+5410	31	1	23	LDN 1081		5	1.00
23592+6228	14					4	1.00

AUTOCLASS CLASS = 1

Name	Cl	Nid	Cat	Source	Type	In	Prob
02293+5748	42	1	3	RAFGL 341		18	1.00
04530+4427	42					9	1.00
06012+0726	22	1	3	RAFGL 865		31	1.00
08074-3615	22					13	1.00
08086-3905	42					5	1.00
09317-5116	13					5	1.00
09452+1330	43	4	11	PK 221+45.1		4730	1.00
10098-5742	42					5	1.00
10552-6107	22					11	1.00
12421-6217	42					9	1.00

TABLE 30.– CONTINUED.

AUTOCLASS CLASS = 1 (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
13268-6226	31					9	1.00
14284-5245	42					4	1.00
15084-5702	42					11	1.00
16192-4900	42					10	1.00
16279-4709	42	1	39	SG 336.8+00.6		7	1.00
17371-3021	42					11	1.00
17375-3652	14	1	23	OCL 1014		24	1.00
18092-0437	41	1	3	RAFGL 2088		15	1.00
18162-0246	31	1	3	RAFGL 5466		8	1.00
18320-0352	42	1	3	RAFGL 7012S		9	1.00
18367-0452	42					11	1.00
18464-0656	21	1	3	RAFGL 2256		9	1.00
18551+0323	42	1	3	RAFGL 2287		19	1.00
19558+3333	31					7	1.00
20171+3519	42					7	1.00
21489+5301	42					11	1.00

AUTOCLASS CLASS = 2

Name	Cl	Nid	Cat	Source	Type	In	Prob
02152+2822	43					15	1.00
03448+4432	42	1	3	RAFGL 5102		14	1.00
05405+3240	42	2	3	RAFGL 809		33	1.00
08534-5055	42					10	1.00
08535-4724	42	1	23	MRSL 267-01/1		9	1.00
11514-5841	41					7	1.00
12195-6830	42					5	1.00
12562-6003	43					7	1.00
14404-6320	42					6	1.00
14443-5708	42					7	1.00
16079-4812	42					19	1.00
17209-3318	43					8	1.00
17217-3916	42					14	1.00
18240+2326	42	1	3	RAFGL 2155		73	1.00
18269-1257	43					10	1.00
19029+0808	42	1	3	RAFGL 2316		11	1.00
19358+0917	42					5	1.00
19594+4047	42	1	3	RAFGL 2494		48	1.00
20253+3814	31					7	1.00
20532+5554	42					9	1.00
21086+5238	14	4	23	LDN 1022		9	1.00
21147+5110	42					9	1.00
21223+5114	42					10	1.00
21324+5537	42	2	2	DO 39779		5	1.00
21414+7609	14	4	1	AM CEP		7	1.00
23516+6430	14					5	1.00

AUTOCLASS CLASS = 3

Name	Cl	Nid	Cat	Source	Type	In	Prob
03096+5839	14					3	1.00
09006-5310	22					4	1.00
10199-5801	43					7	1.00
10375-4802	43					5	1.00
11079-6211	44					4	1.00
12464-6433	43					4	1.00
13359-6014	43					4	1.00

TABLE 30.– CONCLUDED.

AUTOCLASS CLASS = 3 (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
16383-4401	42					7	1.00
18060-1755	32					16	1.00
18100-1420	43					10	1.00
18234-2206	45	2	3	RAFGL 2151		10	1.00
19455+2319	44					5	1.00
20082+3228	42					8	1.00
20391+4023	43					5	1.00
20461+4817	42	1	2	DO 38853		4	1.00
21027+5309	44	1	3	RAFGL 2699		10	1.00

AUTOCLASS CLASS = 4

Name	Cl	Nid	Cat	Source	Type	In	Prob
04340+4623	42					6	1.00
08544-4431	21					21	1.00
10239-5818	15	1	7	HEN 416		6	1.00
12466-7024	15					5	1.00
13053-6341	14					8	1.00
15469-5311	14					7	1.00
16296-4417	42					5	1.00
16362-2145	14	3	4	TMSS -20321		5	1.00
17297+1747	14	5	16	09118	M2	58	1.00
18551+1345	14					9	1.00
20145+3656	15	1	11	PK 74+ 1.1		4	1.00
20310+4029	14	3	7	MWC 349		22	1.00
21377+5042	15					14	1.00

TABLE 31.– CROSS-REFERENCE BY IRAS NAME OF SPLIT CLASS 64/λ20.

AutoClass classifications for the 121 LRS spectra
in >taylor>autoclass-x>data>lrs-5425>spectra-class64.base,
using the 83941.54 MML classification in
>taylor>autoclass-x>data>lrs-5425>DISPERSE>SPECTRA-80-1/64-10.WT-SET.

SORTED BY LRS NAME.

Name	AutoClass	Name	AutoClass	Name	AutoClass
00222+6952	(0 1.00)	12421-6217	(1 1.00)	18162-0246	(1 1.00)
01234+5454	(0 1.00)	12464-6433	(3 1.00)	18163-1426	(0 1.00)
02152+2822	(2 1.00)	12466-7024	(4 1.00)	18234-2206	(3 1.00)
02293+5748	(1 1.00)	12550-7407	(0 1.00)	18240+2326	(2 1.00)
02587+2136	(0 1.00)	12562-6003	(2 1.00)	18269-1257	(2 1.00)
03096+5839	(3 1.00)	12575-7041	(0 1.00)	18320-0352	(1 1.00)
03301+5658	(0 1.00)	12595-6035	(0 1.00)	18367-0452	(1 1.00)
03448+4432	(2 1.00)	13045-6404	(0 1.00)	18400-0704	(0 1.00)
04280+2722	(0 1.00)	13053-6341	(4 1.00)	18464-0656	(1 1.00)
04340+4623	(4 1.00)	13268-6226	(1 1.00)	18551+0323	(1 1.00)
04530+4427	(1 1.00)	13359-6014	(3 1.00)	18551+1345	(4 1.00)
05405+3240	(2 1.00)	14010-6920	(0 1.00)	19029+0808	(2 1.00)
06012+0726	(1 1.00)	14232-6106	(0 1.00)	19147+1349	(0 1.00)
06181+0406	(0 1.00)	14284-5245	(1 1.00)	19358+0917	(2 1.00)
06192+4657	(0 1.00)	14358-6303	(0 1.00)	19384+4346	(0 1.00)
06505-0450	(0 1.00)	14404-6320	(2 1.00)	19455+2319	(3 1.00)
07036-2220	(0 1.00)	14443-5708	(2 1.00)	19558+3333	(1 1.00)
07091-2902	(0 1.00)	15084-5702	(1 1.00)	19594+4047	(2 1.00)
07146-1614	(0 1.00)	15307-5649	(0 1.00)	20014+2830	(0 1.00)
08074-3615	(1 1.00)	15469-5311	(4 1.00)	20082+3228	(3 1.00)
08086-3905	(1 1.00)	15576-5331	(0 1.00)	20145+3656	(4 1.00)
08276-5125	(0 1.00)	16052-2339	(0 1.00)	20171+3519	(1 1.00)
08534-5055	(2 1.00)	16079-4812	(2 1.00)	20253+3814	(2 1.00)
08535-4724	(2 1.00)	16192-4900	(1 1.00)	20310+4029	(4 1.00)
08544-4431	(4 1.00)	16258-4642	(0 1.00)	20391+4023	(3 1.00)
09006-5310	(3 1.00)	16279-4709	(1 1.00)	20461+4817	(3 1.00)
09164-5349	(0 1.00)	16296-4417	(4 1.00)	20503+2658	(0 1.00)
09317-5116	(1 1.00)	16362-2145	(4 1.00)	20532+5554	(2 1.00)
09452+1330	(1 1.00)	16383-4401	(3 1.00)	21027+5309	(3 1.00)
09496-5050	(0 1.00)	16406-1406	(0 1.00)	21086+5238	(2 1.00)
10098-5742	(1 1.00)	16538-4652	(0 1.00)	21147+5110	(2 1.00)
10199-5801	(3 1.00)	17050-4642	(0 1.00)	21223+5114	(2 1.00)
10239-5818	(4 1.00)	17209-3318	(2 1.00)	21324+5537	(2 1.00)
10350-5710	(0 1.00)	17217-3916	(2 1.00)	21345+5410	(0 1.00)
10368-6010	(0 1.00)	17297+1747	(4 1.00)	21377+5042	(4 1.00)
10375-4802	(3 1.00)	17371-3021	(1 1.00)	21414+7609	(2 1.00)
10552-6107	(1 1.00)	17375-3652	(1 1.00)	21489+5301	(1 1.00)
11079-6211	(3 1.00)	17445-3128	(0 1.00)	23516+6430	(2 1.00)
11514-5841	(2 1.00)	18060-1755	(3 1.00)	23592+6228	(0 1.00)
12142-6410	(0 1.00)	18092-0437	(1 1.00)		
12195-6830	(2 1.00)	18100-1420	(3 1.00)		

TABLE 32.– CROSS-REFERENCE BY AUTOCLASS CLASS OF SPLIT CLASS 69/λ25.

AutoClass classifications for the 179 LRS spectra
in >taylor>autoclass-x>data>lrs-5425>spectra-class69.base,
using the 162250.22 MML classification in
>taylor>autoclass-x>data>lrs-5425>disperse>spectra-80-1/69-10.wt-set.

SORTED BY AUTOCLASS CLASSIFICATION.

AUTOCLASS CLASS = 0

Name	Cl	Nid	Cat	Source	Type	In	Prob
00135+4644	16	4	19	5		4	1.00
00278+8219	16	2	1	AD CEP		6	1.00
00297+2545	15	5	1	TU AND		4	1.00
00541+4825	16	4	1	KS CAS		7	1.00
01030-3157	15	3	4	TMSS -30013		8	1.00
01261-4334	16	3	13	215516	K4/5 III	13	1.00
01562+5434	15	5	1	U PER		9	1.00
02039-5722	15	2	1	Y ERI	ME	6	1.00
02351+5630	16					5	1.00
03272+3929	16	4	1	RU PER		5	1.00
04111-1030	16	4	1	BM ERI		7	1.00
04320+2938	16	3	4	TMSS +30089		6	1.00
04330-6307	15	3	1	R RET	Md	6	1.00
04353-7813	16	2	16	01675	M6/7 (III)	4	1.00
05054+6836	16	5	1	UX CAM		5	1.00
05255+3900	16	5	1	AD AUR		5	1.00
05292+0734	16	5	1	BK ORI		5	1.00
05490+6300	15	4	1	TZ CAM		5	1.00
05508+3930	16	4	2	DO 11680		7	1.00
06498-5430	15					5	1.00
07250+4104	17	6	1	VX AUR		7	0.99
07262-6145	16	1	1	KS CAR		4	1.00
11213-1938	16	4	1	T CRT		6	1.00
11525-5858	15	2	1	W CEN	M5E	5	1.00
12105-5114	16					4	1.00
13182-8357	16	2	1	U OCT	Md	4	1.00
14259-3841	16	1	16	06676		6	1.00
15150-4912	16					5	1.00
15303-2700	22	3	1	SV LIB		6	1.00
16018-3415	15	1	1	RR LUP		5	1.00
16030-2135	16	3	1	Z SCO		8	1.00
16208-2215	17	3	13	184359	M3	8	1.00
16325+6651	16	5	1	R DRA		5	1.00
16432+1213	15	4	1	UV HER		7	1.00
17086+2739	15	4	1	CX HER		6	1.00
17450-0337	17	5	2	DO 4412		6	1.00
18045+6239	16	3	4	TMSS +60256		5	1.00
18335+0738	15	4	1	BK OPH		4	1.00
18396-4549	16	2	1	RW TEL		7	1.00
18470+0832	16	5	1	V477 AQL		4	1.00
19311+2332	16	6	19	609		8	1.00
19355-5258	16	1	40		M5/7	5	1.00
19437+0134	16	4	4	TMSS 00451		6	1.00
19498-7140	16	3	16	12495	M5/6 III	6	1.00
20144-3916	16	2	1	RT SGR		7	1.00
20417+3759	16	3	1	DR CYG		5	1.00
21142+5349	16	5	1	V702 CYG		5	1.00
21167+5502	15	4	2	DO 39414		5	1.00
22326-6522	16	1	16	14229		5	1.00
22422-5228	16					5	1.00
23173+4823	15	4	1	BE AND		7	1.00

TABLE 32.– CONTINUED.

AUTOCLASS CLASS = 1

Name	Cl	Nid	Cat	Source		Type	In	Prob
02339+3402	16	4	1	R	TRI		11	1.00
03364-5533	16	3	16	01214		M6/7 III	11	1.00
03415+8010	17	4	1	SS	CEP		25	1.00
03463-0710	17	6	1	BR	ERI		9	1.00
04449+4951	16						8	1.00
05069-3434	16	2	13	195594		MC	19	1.00
05174-3345	16	3	1	T	COL		6	1.00
05540+2250	16	5	1	BQ	ORI		8	1.00
06202-0210	16	6	1	V	MON		14	1.00
06397-5223	16						11	1.00
06439+3019	17	4	1	X	GEM		7	0.96
07217-1246	42						16	1.00
08117+2453	16	4	1	RX	CNC		7	1.00
08272-0609	16	5	1	RT	HYA		21	1.00
09161-3248	16	3	16	04447		M6	7	1.00
10280-8405	16	3	1	X	OCT	M5/6E	7	1.00
11501-0719	16	5	1	S	CRT		10	1.00
11538+5808	16	4	1	Z	UMA		13	1.00
13492-0325	16	6	1	AY	VIR		9	1.00
15402-3700	16	3	1	FQ	LUP		11	1.00
15465+2818	15	6	15	5880		G0Iep	7	1.00
16060-0124	16	5	1	DX	SER		6	1.00
16269+4159	16	7	15	6146		M6III	81	1.00
16342+6034	16	5	1	TX	DRA		6	1.00
17048-1601	16	4	1	R	OPH		13	1.00
17050-4621	16						9	1.00
17126+3625	16	5	1	UW	HER		6	1.00
17282-5102	17	1	13	244821		+++	10	1.00
17504-0234	16	6	1	V533	OPH		13	1.00
18126+1532	16	4	2	DO	16595		8	1.00
18537-1035	17	4	1	RW	SCT		12	1.00
19132-3336	16	4	15	7296		G0Ipe	14	1.00
19309-6252	16	3	1	Z	PAV	M7III	12	1.00
20268+1606	17	6	1	RS	DEL		9	1.00
21341+4508	16	5	15	8262		M5IIIae	63	1.00
22476+4047	16	5	1	RX	LAC		19	1.00
23095+5925	16	6	1	V	CAS		14	1.00
23134-7031	16	3	16	14475		M7III	19	1.00

AUTOCLASS CLASS = 2

Name	Cl	Nid	Cat	Source		Type	In	Prob
02380+3059	17	4	1	Y	ARI		6	1.00
02497-0828	21	5	1	RR	ERI		10	1.00
04250+1555	17	3	1	W	TAU		8	1.00
04483+2826	22	6	17	254		N3	8	1.00
04491+3825	16	6	17	257		N	5	1.00
05390-0409	17	4	1	Y	ORI		5	1.00
06531-0216	42	2	17	618			10	1.00
06571+5524	16	6	19	197			5	1.00
07059-5818	17	3	1	AC	CAR	M7III	5	1.00
07399-1045	18	5	19	256			5	1.00
07400-6412	17	1	40			M6 (II)	4	1.00
08099-3537	16	2	16	03941-		M5	5	1.00
08439+7908	16	4	1	RS	CAM		4	1.00
08445-2932	17	2	13	176458		R8	4	1.00
09582-5958	42	3	17	1604		N3	6	1.00
11010-0256	16	6	1	SX	LEO		7	1.00

TABLE 32.– CONTINUED.

AUTOCLASS CLASS = 2 (continued)

Name	Cl	Nid	Cat	Source		Type	In	Prob
12118-5115	16	2	17	1978		R,NB	5	1.00
13062-5958	31	2	1	WW	CEN	Mb	6	1.00
13173-7410	42	3	17	2078		NP	5	1.00
13462-2807	02	4	1	W	HYA		963	1.00
13477-6009	17	3	19	473		M5/7 (III)	12	1.00
13549-5606	42	4	17	2134		NA	7	1.00
16146-4619	17	1	13	226636		MB	9	1.00
16249-5725	16	1	13	243856		MB	6	1.00
16365+1409	16	2	1	AS	HER		5	1.00
17473+4542	16	4	1	V337	HER		6	1.00
18375+0955	17	4	2	DO	4985		8	1.00
18410+3654	42	6	17	2651		N4,C6	6	1.00
19137-1923	16	5	1	R	SGR		5	1.00
20026+3640	31	6	19	633			10	0.93
20118-0009	17	4	4	TMSS	00470		6	1.00
21087+4726	16	4	13	50535		MB	4	1.00
22036+6250	17	5	2	DO	40716		5	1.00
22268+4003	16	5	1	S	LAC		5	1.00
23142+1019	17	5	1	EO	PEG		9	1.00

AUTOCLASS CLASS = 3

Name	Cl	Nid	Cat	Source		Type	In	Prob
01010+7434	23	3	13	4315			9	1.00
02143+4404	22	6	19	36			28	1.00
02532+5426	16	4	1	ER	PER		10	1.00
03082+1436	21	4	1	U	ARI		12	1.00
05090-1154	22	4	1	RX	LEP		58	1.00
06210+4918	21	6	15	2289		K5-M0Iab-Ib	9	1.00
06492+0449	17	6	1	SX	MON		9	1.00
07035-2501	22	4	16	03384		M5	5	1.00
07559-5859	22	4	15	3126		M0III	16	1.00
08107-3459	22	1	1	Y	PUP		8	1.00
09076+3110	22	7	19	351		M6III	66	1.00
10091-7049	22	2	17	1633		N,MB	8	1.00
10131+3049	04	4	17	1641			653	1.00
12104-4955	23	1	1	V368	CEN		8	1.00
13130-8536	22	3	16	06158		M5/6 III	4	1.00
13548-3049	22	3	1	TW	CEN		8	1.00
14550-1214	22	3	13	158929		MB	14	1.00
15341+1515	22	5	1	194	SER		37	1.00
16473+5753	22	5	1	AH	DRA		11	1.00
17237-3102	23	4	16	08650-		M2	10	1.00
17462-8647	22	2	1	S	OCT	M4/6 E	5	1.00
18586-1249	21	5	19	586			10	1.00
19585+5200	21	5	2	DO	37970		10	1.00
20198+4017	21	5	1	V405	CYG		8	1.00
20270+0943	23	5	1	CT	DEL		6	1.00
20467-0044	21	6	2	DO	7006		12	1.00
20526-5431	22	2	1	S	IND	Md	13	1.00
22122+5745	21	5	2	DO	40997		7	1.00
22216+3100	17	4	2	DO	21445		7	1.00
22406+2753	22	4	1	BD	PEG		6	1.00

TABLE 32.– CONCLUDED.

AUTOCLASS CLASS = 4

Name	Cl	Nid	Cat	Source	Type	In	Prob
02110-7143	21	2	16	00756	M5/7 (III)	7	1.00
03377+5120	42	5	17	155	LN	10	1.00
03488+3943	42	3	4	TMSS +40070		25	1.00
04459+6804	42	5	17	240	N5,C6	17	1.00
04595+5033	42	6	17	277	N	7	1.00
05149+3511	43	2	17	311	R	8	1.00
05561-5925	17	1	40		M4/5 III	6	1.00
06520-2407	17	6	15	2580	K2Iab	11	1.00
06528-4218	42	4	17	623	N,C7,	8	1.00
07057-1150	42	5	17	676	N,R8	8	1.00
07487-0229	42	4	17	918		9	1.00
08277-3023	17	2	4	TMSS -30127		9	1.00
08461-2827	17	2	13	176496	M0	10	1.00
11164-5754	17	2	13	238956	M6III	13	1.00
12427+4542	42	8	17	2030	N3,R,	54	1.00
13136-4426	43	3	19	463		10	1.00
14277+3904	16	5	1	V BOO		8	1.00
14310-6044	17	2	13	252800	M6III	10	1.00
15094-6953	42	6	17	2219	N,C5,	34	1.00
17086+4045	17	4	2	DO 15828		9	1.00
19416+3422	22	4	17	2783		10	1.00
20124+6605	17	4	2	DO 38210		8	1.00
20340+5338	42	1	3	RAFGL 2613		13	1.00
20466+2248	16	4	1	FI VUL		14	1.00
21197-6956	22	6	17	3018	NA,C7	12	1.00

TABLE 33.– CROSS-REFERENCE BY IRAS NAME OF SPLIT CLASS 69/λ25.

AutoClass classifications for the 179 LRS spectra
in >taylor>autoclass-x>data>lrs-5425>spectra-class69.base,
using the 123919.11 MML classification in
>taylor>autoclass-x>data>lrs-5425>DISPERSE>SPECTRA-80-1/69-10.WT-SET.

SORTED BY LRS NAME.

Name	AutoClass	Name	AutoClass	Name	AutoClass
00135+4644	(0 1.00)	07262-6145	(0 1.00)	16473+5753	(3 1.00)
00278+8219	(0 1.00)	07399-1045	(2 1.00)	17048-1601	(1 1.00)
00297+2545	(0 1.00)	07400-6412	(2 1.00)	17050-4621	(1 1.00)
00541+4825	(0 1.00)	07487-0229	(4 1.00)	17086+2739	(0 1.00)
01010+7434	(3 1.00)	07559-5859	(3 1.00)	17086+4045	(4 1.00)
01030-3157	(0 1.00)	08099-3537	(2 1.00)	17126+3625	(1 1.00)
01261-4334	(0 1.00)	08107-3459	(3 1.00)	17237-3102	(3 1.00)
01562+5434	(0 1.00)	08117+2453	(1 1.00)	17282-5102	(1 1.00)
02039-5722	(0 1.00)	08272-0609	(1 1.00)	17450-0337	(0 1.00)
02110-7143	(4 1.00)	08277-3023	(4 1.00)	17462-8647	(3 1.00)
02143+4404	(3 1.00)	08439+7908	(2 1.00)	17473+4542	(2 1.00)
02339+3402	(1 1.00)	08445-2932	(2 1.00)	17504-0234	(1 1.00)
02351+5630	(0 1.00)	08461-2827	(4 1.00)	18045+6239	(0 1.00)
02380+3059	(2 1.00)	09076+3110	(3 1.00)	18126+1532	(1 1.00)
02497-0828	(2 1.00)	09161-3248	(1 1.00)	18335+0738	(0 1.00)
02532+5426	(3 1.00)	09582-5958	(2 1.00)	18375+0955	(2 1.00)
03082+1436	(3 1.00)	10091-7049	(3 1.00)	18396-4549	(0 1.00)
03272+3929	(0 1.00)	10131+3049	(3 1.00)	18410+3654	(2 1.00)
03364-5533	(1 1.00)	10280-8405	(1 1.00)	18470+0832	(0 1.00)
03377+5120	(4 1.00)	11010-0256	(2 1.00)	18537-1035	(1 1.00)
03415+8010	(1 1.00)	11164-5754	(4 1.00)	18586-1249	(3 1.00)
03463-0710	(1 1.00)	11213-1938	(0 1.00)	19132-3336	(1 1.00)
03488+3943	(4 1.00)	11501-0719	(1 1.00)	19137-1923	(2 1.00)
04111-1030	(0 1.00)	11525-5858	(0 1.00)	19309-6252	(1 1.00)
04250+1555	(2 1.00)	11538+5808	(1 1.00)	19311+2332	(0 1.00)
04320+2938	(0 1.00)	12104-4955	(3 1.00)	19355-5258	(0 1.00)
04330-6307	(0 1.00)	12105-5114	(0 1.00)	19416+3422	(4 1.00)
04353-7813	(0 1.00)	12118-5115	(2 1.00)	19437+0134	(0 1.00)
04449+4951	(1 1.00)	12427+4542	(4 1.00)	19498-7140	(0 1.00)
04459+6804	(4 1.00)	13062-5958	(2 1.00)	19585+5200	(3 1.00)
04483+2826	(2 1.00)	13130-8536	(3 1.00)	20026+3640	(2 0.93)
04491+3825	(2 1.00)	13136-4426	(4 1.00)	20118-0009	(2 1.00)
04595+5033	(4 1.00)	13173-7410	(2 1.00)	20124+6605	(4 1.00)
05054+6836	(0 1.00)	13182-8357	(0 1.00)	20144-3916	(0 1.00)
05069-3434	(1 1.00)	13462-2807	(2 1.00)	20198+4017	(3 1.00)
05090-1154	(3 1.00)	13477-6009	(2 1.00)	20268+1606	(1 1.00)
05149+3511	(4 1.00)	13492-0325	(1 1.00)	20270+0943	(3 1.00)
05174-3345	(1 1.00)	13548-3049	(3 1.00)	20340+5338	(4 1.00)
05255+3900	(0 1.00)	13549-5606	(2 1.00)	20417+3759	(0 1.00)
05292+0734	(0 1.00)	14259-3841	(0 1.00)	20466+2248	(4 1.00)
05390-0409	(2 1.00)	14277+3904	(4 1.00)	20467-0044	(3 1.00)
05490+6300	(0 1.00)	14310-6044	(4 1.00)	20526-5431	(3 1.00)
05508+3930	(0 1.00)	14550-1214	(3 1.00)	21087+4726	(2 1.00)
05540+2250	(1 1.00)	15094-6953	(4 1.00)	21142+5349	(0 1.00)
05561-5925	(4 1.00)	15150-4912	(0 1.00)	21167+5502	(0 1.00)
06202-0210	(1 1.00)	15303-2700	(0 1.00)	21197-6956	(4 1.00)
06210+4918	(3 1.00)	15341+1515	(3 1.00)	21341+4508	(1 1.00)
06397-5223	(1 1.00)	15402-3700	(1 1.00)	22036+6250	(2 1.00)
06439+3019	(1 0.96)	15465+2818	(1 1.00)	22122+5745	(3 1.00)
06492+0449	(3 1.00)	16018-3415	(0 1.00)	22216+3100	(3 1.00)
06498-5430	(0 1.00)	16030-2135	(0 1.00)	22268+4003	(2 1.00)
06520-2407	(4 1.00)	16060-0124	(1 1.00)	22326-6522	(0 1.00)
06528-4218	(4 1.00)	16146-4619	(2 1.00)	22406+2753	(3 1.00)
06531-0216	(2 1.00)	16208-2215	(0 1.00)	22422-5228	(0 1.00)
06571+5524	(2 1.00)	16249-5725	(2 1.00)	22476+4047	(1 1.00)
07035-2501	(3 1.00)	16269+4159	(1 1.00)	23095+5925	(1 1.00)
07057-1150	(4 1.00)	16325+6651	(0 1.00)	23134-7031	(1 1.00)
07059-5818	(2 1.00)	16342+6034	(1 1.00)	23142+1019	(2 1.00)
07217-1246	(1 1.00)	16365+1409	(2 1.00)	23173+4823	(0 1.00)
07250+4104	(0 0.99)	16432+1213	(0 1.00)		

TABLE 34.– CROSS-REFERENCE BY AUTOCLASS CLASS OF SPLIT CLASS 74/λ30.

AutoClass classifications for the 273 LRS spectra
in >taylor>autoclass-x>data>lrs-5425>spectra-class74.base,
using the 238840.92 MML classification in
>taylor>autoclass-x>data>lrs-5425>disperse>spectra-80-1/74-10.wt-set.

SORTED BY AUTOCLASS CLASSIFICATION.

AUTOCLASS CLASS = 0

Name	Cl	Nid	Cat	Source	Type	In	Prob
00445+3224	22	6	19	13		7	1.00
02053+5133	15	5	2	DO 25328		8	1.00
02361+8055	14	2	1	RR CEP		4	1.00
03124+6434	15	4	2	DO 26859		5	1.00
03149+3244	15	3	4	TMSS +30056		8	1.00
04123+3342	15	4	16	01528	M6	6	1.00
04345-2740	15	4	1	UU ERI		7	1.00
05368+2841	15	5	1	AW AUR		5	1.00
05384+3854	15	4	1	SZ AUR		10	1.00
05588+1054	15	4	1	DP ORI		8	1.00
06157+3120	15					4	1.00
06348+3114	42					5	1.00
06590-7555	15	1	1	S MEN		4	1.00
07161-0111	42					7	1.00
07299+0825	15	5	1	S CMI		18	1.00
07306-7316	16	2	1	S VOL	A2/3 V	6	1.00
08063+6522	16	4	1	RZ UMA		10	1.00
08189-6904	15					4	1.00
08346-1747	16	4	1	W PYX		5	1.00
08495-0312	15	3	4	TMSS 00180		6	1.00
09175-5010	15	1	1	DM VEL		6	1.00
09252-2914	15	3	1	SX ANT		5	1.00
09488-6350	15					5	1.00
10032+1820	15	4	16	04733		4	1.00
13215-6424	15	1	1	U MUS		7	1.00
13248-7851	15	1	16	06252		7	1.00
14145-6815	15					6	1.00
14162+6701	15	3	1	U UMI		12	1.00
14580-3416	15	2	1	AP CEN		5	1.00
15239-5733	16	2	1	R CIR	M4/6 (III)	8	1.00
15298+0348	14	4	1	WW SER		7	1.00
15406-2140	15	3	16	07216	M8	5	1.00
15448+3828	15	3	1	Y CRB		5	1.00
16085-8155	15					5	1.00
16118-4439	15	1	1	RU NOR		5	1.00
16241-3111	15	3	1	WW SCO		6	1.00
16265-1914	15	3	1	Y SCO		6	1.00
16308-1601	15	4	1	T OPH		9	1.00
16379-3401	14					4	1.00
17047-2848	42					6	1.00
17123-2122	15	5	1	V1699 OPH		5	1.00
17224-2648	15	4	39	MSH 17-209		5	1.00
17277-3304	16					10	1.00
18061+0516	15	5	1	AV OPH		5	1.00
18076-0719	15	3	4	TMSS -10402		5	1.00
18246-3321	16	1	1	RV SGR		6	1.00
18247+0729	15	6	1	V585 OPH		6	1.00
18372+1147	15	5	1	V515 OPH		5	1.00
19099+6711	15	5	1	U DRA		5	1.00
19136+6727	15	3	4	TMSS +70152		5	1.00
19285+4853	15	3	4	TMSS +50296		4	1.00
19369+2823	15	4	1	BG CYG		10	1.00
20120-4433	16	3	19	637		7	1.00
20125+0856	15	4	1	R DEL		6	1.00
20305+6246	16	5	1	BF CEP		6	1.00
20322-0737	15	4	16	13155	M6	5	1.00
20427-8243	15	1	16	13276		5	1.00

TABLE 34.– CONTINUED.

AUTOCLASS CLASS = 0 (continued)

Name	Cl	Nid	Cat	Source		Type	In	Prob
20511+2523	14	5	1	IN	VUL		6	1.00
21453-4708	15	2	1	R	GRU	M5E	5	1.00
22165+4331	42	1	3	RAFGL	2881		12	1.00
22184+6155	31	4	16	14126			5	1.00
22280+1250	15	4	1	GM	PEG		7	1.00
22315+2418	14	5	1	SS	PEG		11	1.00
23092+5236	16	5	1	SS	AND		8	1.00
23093+4843	15	4	1	ES	AND		6	1.00
23106+6340	15	8	1	CK	CEP		7	1.00
23201-1105	15	4	1	SV	AQR		10	1.00

AUTOCLASS CLASS = 1

Name	Cl	Nid	Cat	Source		Type	In	Prob
00247+6922	43	1	3	RAFGL	67		44	1.00
03186+7016	42	1	3	RAFGL	482		21	1.00
03238+6034	43	1	3	RAFGL	4277S		11	1.00
03293+6038	43						6	1.00
03385+5927	42						7	1.00
04179+5951	42	1	3	RAFGL	5118		9	1.00
06291+4319	43	1	3	RAFGL	954		14	1.00
06342+0328	43	1	3	RAFGL	971		36	1.00
06378-0527	43						7	1.00
07080-0106	42						6	1.00
07454-7112	43						76	1.00
07576-4054	43						10	1.00
07582-1933	44	1	39	MC1	0758-195		11	1.00
08439-2734	42	2	17	1288			9	1.00
09176-5147	42						7	1.00
09513-5324	42						19	1.00
09529-5506	43	1	40			K4/5 (III)	13	1.00
09533-6021	42						5	1.00
11145-6534	43						25	1.00
12540-6845	42						32	1.00
13343-5807	43						10	1.00
13509-6348	42						11	0.96
14484-6152	42						77	1.00
16298-5349	42						5	1.00
17049-2440	42	1	3	RAFGL	1922		196	1.00
17079-3243	42	1	1	V463	SCO		26	1.00
18194-2708	43	1	3	RAFGL	2135		75	1.00
18398-0220	42	6	17	2642			89	1.00
19008+0726	43	5	17	2694			61	1.00
19321+2757	43	4	16	12165		C	46	1.00
19346+1209	43						6	1.00
19455+0920	43	1	3	RAFGL	4253		10	1.00
20072+3116	43	2	3	RAFGL	2513		23	1.00
20570+2714	42	1	3	RAFGL	2686		42	1.00
21003+4801	44	1	23	LDN	0962		17	1.00
21373+4540	43						17	1.00
21449+4950	42						10	0.93
23320+4316	42	4	16	14623		C	121	1.00

TABLE 34.– CONTINUED.

AUTOCLASS CLASS = 2

Name	Cl	Nid	Cat	Source		Type	In	Prob
01150+5732	41	5	1	V465	CAS		14	1.00
02000+0726	22	4	13	110296		M	15	1.00
03094+5530	22	5	1	GH	PER		8	1.00
03482-5213	22	2	16	01382		M5	9	1.00
05231+5004	22	4	1	AC	AUR		5	1.00
05374+3153	43	5	19	110		M2III	8	1.00
05388+3200	23	4	1	U	AUR		16	1.00
07144+4836	15	5	1	RS	LYN		7	1.00
07286-6308	21						8	1.00
07434-3750	22	5	15	3017		K2.5Ib-II	46	1.00
08010-4109	41	2	13	219338		ApSi	10	1.00
08189+0507	21	5	1	FZ	HYA		12	1.00
08555+1102	41	5	1	RT	CNC		14	1.00
09069+2527	23	4	1	W	CNC		11	1.00
09459-6916	15	1	40			M7 III	7	1.00
10305+7001	22	2	4	TMSS	+70095		6	1.00
10492-3416	16	2	13	201833		M6III	9	1.00
11022-5057	16						10	1.00
13368-4941	22	4	15	5134		M5III	33	1.00
14441-4906	15	1	16	06799		M5	9	1.00
14451-5647	22	1	40			K5	4	1.00
15194-5115	04						162	1.00
17001-3651	22	2	19	514			26	1.00
17505-7021	15	1	16	09813			10	1.00
17531-4947	15	1	1	W	ARA		5	1.00
17534+2603	23	5	15	6685		F2Ibe	13	1.00
17544-2951	41	3	1	V1717	SGR		12	1.00
18064+4212	15	5	1	V529	HER		8	1.00
19007-2247	16	4	1	SU	SGR		22	1.00
19354+5005	22	6	19	616			17	1.00
19528-2919	23	4	1	RR	SGR		18	1.00
20079-0146	21	6	1	V584	AQL		10	1.00
20111-4708	15	1	1	R	TEL		8	1.00
20255+4054	21	4	1	KZ	CYG		7	1.00
20438-0415	22	4	1	W	AQR		9	1.00
22230-4841	22	1	1	S	GRU		15	1.00
23041+1016	22	5	1	R	PEG		25	1.00

AUTOCLASS CLASS = 3

Name	Cl	Nid	Cat	Source		Type	In	Prob
00001+4826	21	2	19	741			8	1.00
00205+5530	15	6	1	T	CAS		58	1.00
04255+1003	21	4	1	R	TAU		13	1.00
04311-0004	14	4	1	BD	ERI		6	1.00
05132+5331	15	5	15	1707		M7IIIe	49	1.00
05220-0611	14	4	1	EX	ORI		8	1.00
05378+2804	15	5	1	AB	TAU		11	1.00
05450-3142	14	4	1	S	COL		8	1.00
06261+1637	15	6	1	AQ	GEM		8	1.00
07229+3328	22	4	1	XX	GEM		5	1.00
08150-3117	21	2	4	TMSS	-30121		5	1.00
09057+1325	15	3	13	98383		MC	13	1.00
09220-4839	21	1	1	RS	VEL		29	1.00
09411-5933	14						5	1.00
10133-5413	22	3	1	W	VEL		15	1.00
12074-5622	21	1	1	SS	CRU		5	1.00
13150-4124	14	1	1	V497	CEN		10	1.00
14128-6011	22						10	1.00
15410-0133	21	5	1	BG	SER		18	1.00

TABLE 34.– CONTINUED.

AUTOCLASS CLASS = 3 (continued)

Name	Cl	Nid	Cat	Source		Type	In	Prob
16316-5026	42	1	19	505			10	1.00
16367-2046	15	3	16	07884		ME	7	1.00
16383-1952	14	3	4	TMSS	-20324		7	1.00
17269-2625	41	4	16	08891		M8	11	1.00
18354-3338	14						6	1.00
19111+2555	41	3	19	594			9	1.00
19118+4653	14	4	1	SS	LYR		6	1.00
19126-0708	22	6	19	597			112	0.97
19194+1734	15	5	1	T	SGE		22	1.00
20135+3055	21	5	1	SX	CYG		6	1.00
20330+2823	15	4	1	SX	VUL		5	1.00
20359-3806	21	2	16	13190			9	1.00
20416+1903	41	3	4	TMSS	+20479		8	1.00
21530+5114	15	4	1	BQ	CYG		5	1.00
22196-4612	42	7	19	702		S5	151	0.97
22489+[illegible]59	22	4	1	VX	CEP		8	1.00
23212+3927	14	4	1	BU	AND		14	1.00
23439+5412	15	5	1	RT	CAS		6	1.00

AUTOCLASS CLASS = 4

Name	Cl	Nid	Cat	Source		Type	In	Prob
01452-8026	15	3	1	VZ	HYI	Mb	8	1.00
02251+5102	15	4	1	RR	PER		9	1.00
03318-1619	15	4	1	RT	ERI		19	1.00
04328+2824	15	5	1	IU	TAU		9	1.00
04355+0814	15	5	1	RX	TAU		13	1.00
05027-2158	15	4	1	T	LEP		23	1.00
05365-1404	15	4	1	RW	LEP		13	1.00
05411-8625	15	2	1	R	OCT	Md	15	1.00
06353-5549	14	1	1	AB	CAR		7	1.00
07150+3808	15	4	2	DO	12919		17	1.00
07538-3928	15						9	1.00
08078-3801	15	1	1	AS	PUP		18	1.00
08236-0444	15	4	4	TMSS	00175		8	1.00
09185-4918	15	2	1	RW	VEL	M7E	38	1.00
09331-1428	15	5	1	X	HYA		15	1.00
09511-5356	15	1	1	Z	VEL		14	1.00
09564-5837	15	4	1	RR	CAR	M6 II/III	27	0.98
10383-7741	15	2	16	04933		MC	9	1.00
10562-6235	15						16	1.00
12380+5607	15	4	1	Y	UMA		34	1.00
15214-2244	15	3	1	RS	LIB		24	1.00
15314+7847	21	3	1	S	UMI		19	1.00
15492+4837	41	19	19	496			33	1.00
16175-6120	15	1	1	RS	TRA		5	1.00
16306+7223	15	3	1	R	UMI		16	1.00
16334-3107	16	5	19	507			10	1.00
17201-4613	15						13	1.00
17318-3606	15						9	1.00
18378-3731	15	2	1	AM	CRA		12	1.00
19031+2702	15	3	4	TMSS	+30355		9	1.00
19055+0613	15	6	1	V347	AQL		17	1.00
19510-5919	14	3	1	S	PAV	M8III	62	1.00
21312+5405	15	3	16	13781			11	1.00
21426+1228	15	4	1	TU	PEG		9	1.00
22359-1417	15	4	1	AB	AQR		7	1.00

TABLE 34.– CONTINUED.

AUTOCLASS CLASS = 5

Name	Cl	Nid	Cat	Source	Type	In	Prob
01142+6306	42					6	1.00
03557+4404	43	1	3	RAFGL 5110		8	1.00
05104+2055	42					11	1.00
05223+4704	15					8	1.00
06268+0849	42	2	3	RAFGL 5196		9	1.00
07336-1006	15					7	1.00
08191-3653	42					6	1.00
09116-2439	42	1	3	RAFGL 5254		76	1.00
11463-6320	42					7	1.00
12216-6218	42					7	1.00
12430-6151	42	2	39	AG G302.3+0.7		6	1.00
13208-6027	42					7	1.00
13477-6532	04	2	40		F8/G0 IB/II	17	1.00
14162-6202	42					10	1.00
15082-4808	42	1	3	RAFGL 4211		104	1.00
15261-5702	43					13	1.00
16123-4654	44					8	1.00
17105-3746	42					13	1.00
17155-4917	43					4	1.00
17222-2328	42					8	1.00
18119-2244	43	1	3	RAFGL 2096		15	1.00
18147-2215	41	2	23	LDN 0272		9	1.00
18239-0655	43	1	3	RAFGL 2154		29	1.00
18248-0839	43					25	1.00
18475+0926	42	1	3	RAFGL 2259		27	1.00
19289+1931	42					8	1.00
19457+2346	43					9	1.00
19552+3142	42					5	1.00
20331+4621	42	1	23	MRSL 084+03/1		9	1.00
20435+3825	42					20	1.00
22241+6005	41	1	3	RAFGL 2901		26	1.00

AUTOCLASS CLASS = 6

Name	Cl	Nid	Cat	Source	Type	In	Prob
00128-3219	15	5	1	S SCL	M7/8IIIE	17	1.00
00192-2020	16	6	19	7	M5IIe	34	1.00
02455+1718	16	5	1	T ARI		15	1.00
02464-5915	16	2	1	X HOR	M6/8	11	1.00
05265-0443	15	7	1	S ORI		28	1.00
06333-0520	16	5	1	GL MON		15	1.00
06558-8239	15					7	1.00
08138+1152	15	6	15	3248	M7IIIe	44	1.00
08212-3838	15					10	1.00
09309-6234	15	5	15	3816	M6-7IIIepv	79	1.00
12277+0441	15	6	1	BK VIR		39	1.00
13269-2301	15	6	15	5080	M7IIIe	317	1.00
13303-0656	16	6	15	5101	M7IIIe	27	1.00
13468+3947	15	6	15	5199	M6IIIe	23	1.00
14280-2952	16	4	1	Y CEN		30	1.00
15023-6916	15	1	40		Mb	10	1.00
15380-6545	16	1	40		M6 III	13	1.00
16387-2700	15	4	1	AX SCO		9	1.00
16534-3030	15	4	1	RR SCO		30	1.00
17081+6422	15	5	1	TV DRA		11	1.00
17123+1107	15	5	1	V438 OPH		12	1.00
17387-4343	16	1	1	RU SCO		12	1.00
18359+0847	15	7	15	7002	K1III+M6IIIe	58	1.00
19287+4602	16	5	1	AF CYG		13	1.00
20038-2722	15	4	1	V1943 SGR		67	1.00

TABLE 34.– CONCLUDED.

AUTOCLASS CLASS = 6 (continued)

Name	Cl	Nid	Cat	Source		Type	In	Prob
20165-5051	16	2	1	Y	TEL		12	1.00
20248-2825	15	4	1	T	MIC		84	1.00
21088+6817	15	6	15	8113		M7IIIe	135	1.00

TABLE 35.– CROSS-REFERENCE BY IRAS NAME OF SPLIT CLASS 74/λ30.

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AutoClass classifications for the 273 LRS spectra
in >taylor>autoclass-x>data>lrs-5425>spectra-class74.base,
using the 180380.6 MML classification in
>taylor>autoclass-x>data>lrs-5425>DISPERSE>SPECTRA-80-1/74-10.WT-SET.
```

SORTED BY LRS NAME.

Name	AutoClass	Name	AutoClass	Name	AutoClass
00001+4826	(3 1.00)	07150+3808	(4 1.00)	13215-6424	(0 1.00)
00128-3219	(6 1.00)	07161-0111	(0 1.00)	13248-7851	(0 1.00)
00192-2020	(6 1.00)	07229+3328	(3 1.00)	13269-2301	(6 1.00)
00205+5530	(3 1.00)	07286-6308	(2 1.00)	13303-0656	(6 1.00)
00247+6922	(1 1.00)	07299+0825	(0 1.00)	13343-5807	(1 1.00)
00445+3224	(0 1.00)	07306-7316	(0 1.00)	13368-4941	(2 1.00)
01142+6306	(5 1.00)	07336-1006	(5 1.00)	13468+3947	(6 1.00)
01150+5732	(2 1.00)	07434-3750	(2 1.00)	13477-6532	(5 1.00)
01452-8026	(4 1.00)	07454-7112	(1 1.00)	13509-6348	(1 0.96)
02000+0726	(2 1.00)	07538-3928	(4 1.00)	14128-6011	(3 1.00)
02053+5133	(0 1.00)	07576-4054	(1 1.00)	14145-6815	(0 1.00)
02251+5102	(4 1.00)	07582-1933	(1 1.00)	14162+6701	(0 1.00)
02361+8055	(0 1.00)	08010-4109	(2 1.00)	14162-6202	(5 1.00)
02455+1718	(6 1.00)	08063+6522	(0 1.00)	14280-2952	(6 1.00)
02464-5915	(6 1.00)	08078-3801	(4 1.00)	14441-4906	(2 1.00)
03094+5530	(2 1.00)	08138+1152	(6 1.00)	14451-5647	(2 1.00)
03124+6434	(0 1.00)	08150-3117	(3 1.00)	14484-6152	(1 1.00)
03149+3244	(0 1.00)	08189+0507	(2 1.00)	14580-3416	(0 1.00)
03186+7016	(1 1.00)	08189-6904	(0 1.00)	15023-6916	(6 1.00)
03238+6034	(1 1.00)	08191-3653	(5 1.00)	15082-4808	(5 1.00)
03293+6038	(1 1.00)	08212-3838	(6 1.00)	15194-5115	(2 1.00)
03318-1619	(4 1.00)	08236-0444	(4 1.00)	15214-2244	(4 1.00)
03385+5927	(1 1.00)	08346-1747	(0 1.00)	15239-5733	(0 1.00)
03482-5213	(2 1.00)	08439-2734	(1 1.00)	15261-5702	(5 1.00)
03557+4404	(5 1.00)	08495-0312	(0 1.00)	15298+0348	(0 1.00)
04123+3342	(0 1.00)	08555+1102	(2 1.00)	15314+7847	(4 1.00)
04179+5951	(1 1.00)	09057+1325	(3 1.00)	15380-6545	(6 1.00)
04255+1003	(3 1.00)	09069+2527	(2 1.00)	15406-2140	(0 1.00)
04311-0004	(3 1.00)	09116-2439	(5 1.00)	15410-0133	(3 1.00)
04328+2824	(4 1.00)	09175-5010	(0 1.00)	15448+3828	(0 1.00)
04345-2740	(0 1.00)	09176-5147	(1 1.00)	15492+4837	(4 1.00)
04355+0814	(4 1.00)	09185-4918	(4 1.00)	16085-8155	(0 1.00)
05027-2158	(4 1.00)	09220-4839	(3 1.00)	16118-4439	(0 1.00)
05104+2055	(5 1.00)	09252-2914	(0 1.00)	16123-4654	(5 1.00)
05132+5331	(3 1.00)	09309-6234	(6 1.00)	16175-6120	(4 1.00)
05220-0611	(3 1.00)	09331-1428	(4 1.00)	16241-3111	(0 1.00)
05223+4704	(5 1.00)	09411-5933	(3 1.00)	16265-1914	(0 1.00)
05231+5004	(2 1.00)	09459-6916	(2 1.00)	16298-5349	(1 1.00)
05265-0443	(6 1.00)	09488-6350	(0 1.00)	16306+7223	(4 1.00)
05365-1404	(4 1.00)	09511-5356	(4 1.00)	16308-1601	(0 1.00)
05368+2841	(0 1.00)	09513-5324	(1 1.00)	16316-5026	(3 1.00)
05374+3153	(2 1.00)	09529-5506	(1 1.00)	16334-3107	(4 1.00)
05378+2804	(3 1.00)	09533-6021	(1 1.00)	16367-2046	(3 1.00)
05384+3854	(0 1.00)	09564-5837	(4 0.98)	16379-3401	(0 1.00)
05388+3200	(2 1.00)	10032+1820	(0 1.00)	16383-1952	(3 1.00)
05411-8625	(4 1.00)	10133-5413	(3 1.00)	16387-2700	(6 1.00)
05450-3142	(3 1.00)	10305+7001	(2 1.00)	16534-3030	(6 1.00)
05588+1054	(0 1.00)	10383-7741	(4 1.00)	17001-3651	(2 1.00)
06157+3120	(0 1.00)	10492-3416	(2 1.00)	17047-2848	(0 1.00)
06261+1637	(3 1.00)	10562-6235	(4 1.00)	17049-2440	(1 1.00)
06268+0849	(5 1.00)	11022-5057	(2 1.00)	17079-3243	(1 1.00)
06291+4319	(1 1.00)	11145-6534	(1 1.00)	17081+6422	(6 1.00)
06333-0520	(6 1.00)	11463-6320	(5 1.00)	17105-3746	(5 1.00)
06342+0328	(1 1.00)	12074-5622	(3 1.00)	17123+1107	(6 1.00)
06348+3114	(0 1.00)	12216-6218	(5 1.00)	17123-2122	(0 1.00)
06353-5549	(4 1.00)	12277+0441	(6 1.00)	17155-4917	(5 1.00)
06378-0527	(1 1.00)	12380+5607	(4 1.00)	17201-4613	(4 1.00)
06558-8239	(6 1.00)	12430-6151	(5 1.00)	17222-2328	(5 1.00)
06590-7555	(0 1.00)	12540-6845	(1 1.00)	17224-2648	(0 1.00)
07080-0106	(1 1.00)	13150-4124	(3 1.00)	17269-2625	(3 1.00)
07144+4836	(2 1.00)	13208-6027	(5 1.00)	17277-3304	(0 1.00)

TABLE 35.– CONCLUDED.

Name	AutoClass	Name	AutoClass	Name	AutoClass
17318-3606	(4 1.00)	19136+6727	(0 1.00)	20427-8243	(0 1.00)
17387-4343	(6 1.00)	19194+1734	(3 1.00)	20435+3825	(5 1.00)
17505-7021	(2 1.00)	19285+4853	(0 1.00)	20438-0415	(2 1.00)
17531-4947	(2 1.00)	19287+4602	(6 1.00)	20511+2523	(0 1.00)
17534+2603	(2 1.00)	19289+1931	(5 1.00)	20570+2714	(1 1.00)
17544-2951	(2 1.00)	19321+2757	(1 1.00)	21003+4801	(1 1.00)
18061+0516	(0 1.00)	19346+1209	(1 1.00)	21088+6817	(6 1.00)
18064+4212	(2 1.00)	19354+5005	(2 1.00)	21312+5405	(4 1.00)
18076-0719	(0 1.00)	19369+2823	(0 1.00)	21373+4540	(1 1.00)
18119-2244	(5 1.00)	19455+0920	(1 1.00)	21426+1228	(4 1.00)
18147-2215	(5 1.00)	19457+2346	(5 1.00)	21449+4950	(1 0.93)
18194-2708	(1 1.00)	19510-5919	(4 1.00)	21453-4708	(0 1.00)
18239-0655	(5 1.00)	19528-2919	(2 1.00)	21530+5114	(3 1.00)
18246-3321	(0 1.00)	19552+3142	(5 1.00)	22165+4331	(0 1.00)
18247+0729	(0 1.00)	20038-2722	(6 1.00)	22184+6155	(0 1.00)
18248-0839	(5 1.00)	20072+3116	(1 1.00)	22196-4612	(3 0.97)
18354-3338	(3 1.00)	20079-0146	(2 1.00)	22230-4841	(2 1.00)
18359+0847	(6 1.00)	20111-4708	(2 1.00)	22241+6005	(5 1.00)
18372+1147	(0 1.00)	20120-4433	(0 1.00)	22280+1250	(0 1.00)
18378-3731	(4 1.00)	20125+0856	(0 1.00)	22315+2418	(0 1.00)
18398-0220	(1 1.00)	20135+3055	(3 1.00)	22359-1417	(4 1.00)
18475+0926	(5 1.00)	20165-5051	(6 1.00)	22489+6359	(3 1.00)
19007-2247	(2 1.00)	20248-2825	(6 1.00)	23041+1016	(2 1.00)
19008+0726	(1 1.00)	20255+4054	(2 1.00)	23092+5236	(0 1.00)
19031+2702	(4 1.00)	20305+6246	(0 1.00)	23093+4843	(0 1.00)
19055+0613	(4 1.00)	20322-0737	(0 1.00)	23106+6340	(0 1.00)
19099+6711	(0 1.00)	20330+2823	(3 1.00)	23201-1105	(0 1.00)
19111+2555	(3 1.00)	20331+4621	(5 1.00)	23212+3927	(3 1.00)
19118+4653	(3 1.00)	20359-3806	(3 1.00)	23320+4316	(1 1.00)
19126-0708	(3 0.97)	20416+1903	(3 1.00)	23439+5412	(3 1.00)

TABLE 36.– CROSS-REFERENCE BY AUTOCLASS CLASS OF SPLIT CLASS 78/λ34.

AutoClass classifications for the 139 LRS spectra
in >taylor>autoclass-x>data>lrs-5425>spectra-class78.base,
using the 124344.336 MML classification in
>taylor>autoclass-x>data>lrs-5425>disperse>spectra-80-1/78-10.wt-set.

SORTED BY AUTOCLASS CLASSIFICATION.

AUTOCLASS CLASS = 0

Name	Cl	Nid	Cat	Source		Type	In	Prob
00245-0652	14	5	1	UY	CET		16	1.00
01159+7220	22	5	19	21			39	1.00
01556+4511	22	3	13	37673		MB	59	1.00
02568+4356	15	4	1	AE	PER		5	1.00
04137+3114	15	3	4	TMSS	+30080		10	1.00
04396+0647	22	4	1	BZ	TAU		8	1.00
05354+2458	22	5	1	GP	TAU		13	1.00
05404-2343	22	4	1	RT	LEP		10	1.00
05559+7430	24	4	1	V	CAM		20	1.00
06139+3313	22	5	1	VW	AUR		14	1.00
08011-3627	23	1	1	AR	PUP		17	1.00
09480-4147	15	1	1	SU	VEL		23	1.00
11125+7524	23	2	4	TMSS	+80023		12	1.00
11287-6918	24	1	16	05236			7	1.00
11450-6245	22						6	1.00
11452-4553	22	1	1	V421	CEN		6	1.00
11461-3542	22	4	16	05345		M7III	45	1.00
13022-7650	14	5	16	06083			8	1.00
14142-1612	22	2	4	TMSS	-20266		9	1.00
15323-4920	23	2	1	R	NOR		9	1.00
16235+1900	23	7	15	6119		M7IIIe	49	1.00
16323-5518	22	2	1	X	ARA	Md	5	1.00
16521-2153	42	4	1	SY	OPH		11	1.00
17079-7405	21	1	1	W	APS		8	1.00
17318-2342	21	3	4	TMSS	-20370		7	1.00
17508-3419	22	3	1	BN	SCO		8	1.00
18039-0813	23	5	16	10210		M8	9	1.00
18186+3143	22	3	1	TU	LYR		9	1.00
18280-5639	22	1	1	SS	TEL		20	1.00
18501-2132	23	4	1	V2059	SGR		9	1.00
19039-4839	22	1	16	11738		M4	8	1.00
21368-3812	21						8	1.00
21377-0200	14	4	13	145577		M5	10	1.00
21439-0226	23	4	13	145652		MB	84	1.00
21543-1421	21	4	16	13969		M4	11	1.00
22306+5510	21	3	4	TMSS	+60359		7	1.00
23554+5612	42	6	19	739			8	1.00

AUTOCLASS CLASS = 1

Name	Cl	Nid	Cat	Source		Type	In	Prob
01071+6551	15	2	4	TMSS	+70018		4	1.00
05176+3502	15	3	1	EE	AUR		4	1.00
05587+1040	15	3	4	TMSS	+10102		4	1.00
06402-1857	14	3	4	TMSS	-20102		4	1.00
06462-4157	15						5	1.00
07042+2822	14	4	1	AM	GEM		4	1.00
07080-1610	22	3	16	03439		M7	5	1.00
07566-4011	14						4	1.00
08017-3118	14	4	4	TMSS	-30114		4	1.00
08286-4728	14						6	1.00
08552-3942	14						4	1.00
09495-4723	14						4	1.00
10469-5355	22	1	1	WX	VEL		6	1.00

TABLE 36.– CONTINUED.

AUTOCLASS CLASS = 1 (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
11010-6038	15	5	13	251235	Ma	4	1.00
12041-6307	23					3	1.00
12569-6105	42					6	1.00
14167-6717	22	1	1	UZ CIR		4	1.00
15186-5730	23					5	1.00
15195-6510	15					5	1.00
16304-3831	15					5	1.00
16328-4656	22					8	1.00
16376-5040	23					3	1.00
17056-3959	42					7	1.00
17580-3711	22	1	1	AF CRA		5	1.00
18099-2452	23	3	4	TMSS -20448		5	1.00
18301-0656	42					8	1.00
19238-3521	22					4	1.00
19334-0033	23	3	4	TMSS 00446		3	1.00
19472+3017	14	5	1	ER CYG		4	1.00
20454+1908	22	4	1	V DEL		5	1.00
20581+5841	22	3	1	UW CEP		5	1.00
21401+7354	22	3	2	DO 40015		3	1.00
22393+2054	15	5	1	BC PEG		5	1.00
23147+6009	22	4	4	TMSS +60395		4	1.00
23182+3920	24	4	1	RY AND		4	1.00

AUTOCLASS CLASS = 2

Name	Cl	Nid	Cat	Source	Type	In	Prob
03507+3623	24	2	4	TMSS +40072		4	1.00
04166+4056	23	5	1	IR PER		22	1.00
06140-2729	23	3	4	TMSS -30055		9	1.00
06534-1647	22	2	4	TMSS -20113		5	1.00
12391-6834	14					4	1.00
12394-6808	23					6	1.00
13170-5404	23					6	1.00
13586-4617	23					6	1.00
14598-7124	22	2	1	V APS	Mb	6	1.00
15488-4928	22					11	1.00
17066-3119	24	3	4	TMSS -30281		4	1.00
17109-3942	24	2	15	6392	G5Ia	8	1.00
17265-0725	22	3	4	TMSS -10369		16	1.00
17573-0807	24					4	1.00
18076-0652	23	3	4	TMSS -10400		4	1.00
20193+3527	23	4	2	DO 18895		6	1.00
20215+6243	25	4	16	13056	M9	5	1.00
20239+2604	22	4	1	AV VUL		5	1.00
20248+7505	23	4	1	UU DRA		16	1.00
20377+3901	22	4	16	13211	M3	7	1.00
20479+0554	23	5	2	DO 7021		6	1.00
21028+2711	23	4	16	13514		5	1.00
21388+5130	22	3	4	TMSS +50389		4	1.00
22264+5858	25	3	4	TMSS +60355		9	1.00

AUTOCLASS CLASS = 3

Name	Cl	Nid	Cat	Source	Type	In	Prob
00007+5524	22	5	1	Y CAS		13	1.00
03490+4455	22	4	2	DO 27661		6	1.00
04387-3819	23	2	1	R CAE		17	1.00

TABLE 36.– CONCLUDED.

AUTOCLASS CLASS = 3 (continued)

Name	Cl	Nid	Cat	Source		Type	In	Prob
05176-1755	22	3	4	TMSS	-20069		5	1.00
06551+0322	22	6	1	AZ	MON		6	1.00
07422+3054	22	3	4	TMSS	+30195		5	1.00
08352-6904	22	1	16	04161			3	1.00
09425+3444	24	5	1	R	LMI		44	1.00
09508-4345	22	1	16	04665			8	1.00
14234-5359	14						9	1.00
15193+1429	22	5	1	S	SER		6	1.00
16081+2511	23	6	1	RU	HER		20	1.00
16185-5213	22						7	1.00
16438-1133	14	3	1	V446	OPH		20	1.00
16514-5150	22	1	1	UX	ARA		6	1.00
17541+1110	22	4	1	RT	OPH		7	1.00
18125+3010	23	3	4	TMSS	+30330		7	1.00
18222+3933	41	4	1	TW	LYR		7	1.00
18261-1748	21	3	4	TMSS	-20487		9	1.00
19047-1706	41	4	1	FQ	SGR		12	1.00
19328+3039	22	3	4	TMSS	+30375		7	1.00
20075-6005	22	4	1	X	PAV	Mc	43	1.00
20507+2310	13	4	1	RX	VUL		8	1.00

AUTOCLASS CLASS = 4

Name	Cl	Nid	Cat	Source		Type	In	Prob
00546+5808	14	3	4	TMSS	+60032		6	1.00
02427-5430	22	3	1	W	HOR	Mc	19	1.00
04020-1551	22	4	1	V	ERI		36	1.00
04382-1417	21	4	1	BX	ERI		14	1.00
07034-3551	21	3	16	03379		MC	28	1.00
09213-5723	22						7	1.00
10580-1803	22	4	1	R	CRT		75	1.00
13001+0527	21	6	1	RT	VIR		69	1.00
13244-5904	41	1	1	OS	CEN		7	1.00
14129-5940	22	5	15	5326		M5IIev	33	1.00
16066-4427	13						7	1.00
16494-1252	22	3	16	08006		M8	10	1.00
17273-2643	41	3	4	TMSS	-30301		8	1.00
17398-4344	41	1	1	TV	SCO		7	1.00
18401+2854	41	5	1	FI	LYR		11	1.00
19143-5032	14	1	1	V	TEL		15	1.00
19247-1722	23	3	4	TMSS	-20563		10	1.00
20502+4709	23	4	1	RZ	CYG		13	1.00
22035+3506	21	4	1	SV	PEG		33	1.00
23420+5618	41	5	1	Z	CAS		10	1.00

TABLE 37.– CROSS-REFERENCE BY IRAS NAME OF SPLIT CLASS 78/λ34.

AutoClass classifications for the 139 LRS spectra
in >taylor>autoclass-x>data>lrs-5425>spectra-class78.base,
using the 94578.81 MML classification in
>taylor>autoclass-x>data>lrs-5425>DISPERSE>SPECTRA-80-1/78-10.WT-SET.

SORTED BY LRS NAME.

Name	AutoClass	Name	AutoClass	Name	AutoClass
00007+5524	(3 1.00)	11287-6918	(0 1.00)	18039-0813	(0 1.00)
00245-0652	(0 1.00)	11450-6245	(0 1.00)	18076-0652	(2 1.00)
00546+5808	(4 1.00)	11452-4553	(0 1.00)	18099-2452	(1 1.00)
01071+6551	(1 1.00)	11461-3542	(0 1.00)	18125+3010	(3 1.00)
01159+7220	(0 1.00)	12041-6307	(1 1.00)	18186+3143	(0 1.00)
01556+4511	(0 1.00)	12391-6834	(2 1.00)	18222+3933	(3 1.00)
02427-5430	(4 1.00)	12394-6808	(2 1.00)	18261-1748	(3 1.00)
02568+4356	(0 1.00)	12569-6105	(1 1.00)	18280-5639	(0 1.00)
03490+4455	(3 1.00)	13001+0527	(4 1.00)	18301-0656	(1 1.00)
03507+3623	(2 1.00)	13022-7650	(0 1.00)	18401+2854	(4 1.00)
04020-1551	(4 1.00)	13170-5404	(2 1.00)	18501-2132	(0 1.00)
04137+3114	(0 1.00)	13244-5904	(4 1.00)	19039-4839	(0 1.00)
04166+4056	(2 1.00)	13586-4617	(2 1.00)	19047-1706	(3 1.00)
04382-1417	(4 1.00)	14129-5940	(4 1.00)	19143-5032	(4 1.00)
04387-3819	(3 1.00)	14142-1612	(0 1.00)	19238-3521	(1 1.00)
04396+0647	(0 1.00)	14167-6717	(1 1.00)	19247-1722	(4 1.00)
05176+3502	(1 1.00)	14234-5359	(3 1.00)	19328+3039	(3 1.00)
05176-1755	(3 1.00)	14598-7124	(2 1.00)	19334-0033	(1 1.00)
05354+2458	(0 1.00)	15186-5730	(1 1.00)	19472+3017	(1 1.00)
05404-2343	(0 1.00)	15193+1429	(3 1.00)	20075-6005	(3 1.00)
05559+7430	(0 1.00)	15195-6510	(1 1.00)	20193+3527	(2 1.00)
05587+1040	(1 1.00)	15323-4920	(0 1.00)	20215+6243	(2 1.00)
06139+3313	(0 1.00)	15488-4928	(2 1.00)	20239+2604	(2 1.00)
06140-2729	(2 1.00)	16066-4427	(4 1.00)	20248+7505	(2 1.00)
06402-1857	(1 1.00)	16081+2511	(3 1.00)	20377+3901	(2 1.00)
06462-4157	(1 1.00)	16185-5213	(3 1.00)	20454+1908	(1 1.00)
06534-1647	(2 1.00)	16235+1900	(0 1.00)	20479+0554	(2 1.00)
06551+0322	(3 1.00)	16304-3831	(1 1.00)	20502+4709	(4 1.00)
07034-3551	(4 1.00)	16323-5518	(0 1.00)	20507+2310	(3 1.00)
07042+2822	(1 1.00)	16328-4656	(1 1.00)	20581+5841	(1 1.00)
07080-1610	(1 1.00)	16376-5040	(1 1.00)	21028+2711	(2 1.00)
07422+3054	(3 1.00)	16438-1133	(3 1.00)	21368-3812	(0 1.00)
07566-4011	(1 1.00)	16494-1252	(4 1.00)	21377-0200	(0 1.00)
08011-3627	(0 1.00)	16514-5150	(3 1.00)	21388+5130	(2 1.00)
08017-3118	(1 1.00)	16521-2153	(0 1.00)	21401+7354	(1 1.00)
08286-4728	(1 1.00)	17056-3959	(1 1.00)	21439-0226	(0 1.00)
08352-6904	(3 1.00)	17066-3119	(2 1.00)	21543-1421	(0 1.00)
08552-3942	(1 1.00)	17079-7405	(0 1.00)	22035+3506	(4 1.00)
09213-5723	(4 1.00)	17109-3942	(2 1.00)	22264+5858	(2 1.00)
09425+3444	(3 1.00)	17265-0725	(2 1.00)	22306+5510	(0 1.00)
09480-4147	(0 1.00)	17273-2643	(4 1.00)	22393+2054	(1 1.00)
09495-4723	(1 1.00)	17318-2342	(0 1.00)	23147+6009	(1 1.00)
09508-4345	(3 1.00)	17398-4344	(4 1.00)	23182+3920	(1 1.00)
10469-5355	(1 1.00)	17508-3419	(0 1.00)	23420+5618	(4 1.00)
10580-1803	(4 1.00)	17541+1110	(3 1.00)	23554+5612	(0 1.00)
11010-6038	(1 1.00)	17573-0807	(2 1.00)		
11125+7524	(0 1.00)	17580-3711	(1 1.00)		

TABLE 38.– CROSS-REFERENCE BY AUTOCLASS CLASS OF SPLIT CLASS 21/γ0.

AutoClass classifications for the 102 LRS spectra
in >taylor>autoclass-x>data>lrs-5425>spectra-class21.base,
using the 101396.77 MML classification in
>taylor>autoclass-x>data>lrs-5425>disperse>spectra-80-1/21-10.wt-set.

SORTED BY AUTOCLASS CLASSIFICATION.

AUTOCLASS CLASS = 0

Name	Cl	Nid	Cat	Source	Type	In	Prob
02044+6031	91	2	11	PK 132- 0.1		3	1.00
02575+6017	80	4	23	OCL 0369		6	1.00
03035+5819	81	4	22	BFS26		8	1.00
04324+5106	80	1	3	RAFGL 5124		4	1.00
06053-0622	76	4	39	PKS0605-06		85	1.00
06061+2151	52	2	3	RAFGL 5182		5	1.00
06073+1249	74	3	22	S270		3	1.00
06412-0105	91	2	39	DCC213.1-02.2		4	1.00
08375-4109	79					3	1.00
09002-4732	81	3	20	G268.454		38	1.00
09563-5743	81	1	20	G281.556		4	1.00
10031-5632	81	2	20	G281.595		5	1.00
11304-6206	53					3	1.00
14567-5846	91	2	20	G318.911		6	1.00
15290-5546	91	2	20	G324.192		6	1.00
15530-5231	75	2	20	G328.935		5	1.00
15544-5159	91					3	1.00
15596-5301	52					4	1.00
16313-4840	81					6	1.00
16362-4845	81	6	20	G336.514		59	1.00
16586-4142	91	2	20	G344.439		13	1.00
16594-4656	74					7	1.00
18317-0757	81	5	21	23.956		15	1.00
19095+0930	75	1	21	43.784		3	1.00
20068+3328	81	1	39	GC2006+33		4	1.00
20255+3712	53	3	22	S106		58	1.00
21190+5140	82	1	11	PK 93+ 1.[illegible]		7	1.00
22134+5834	75					4	1.00
23133+6050	81	4	22	S159		13	1.00

AUTOCLASS CLASS = 1

Name	Cl	Nid	Cat	Source	Type	In	Prob
09032-3953	50					3	1.00
10123-5727	52	4	40		B9.5 V	7	1.00
10197-5750	71	2	7	ROB 22		23	1.00
10286-5838	52					3	1.00
10320-5928	71	3	20	G286.401		5	1.00
10460-5811	80					3	1.00
11143-6113	92	4	20	G291.858		7	1.00
12063-6259	85	7	11	PK 298- 0.1		9	1.00
12073-6233	95	5	20	G298.228		90	1.00
14159-6038	73	2	20	G313.446		4	1.00
15502-5302	91	3	20	G328.310		21	1.00
15567-5236	91	2	20	G329.353		23	1.00
16128-5109	91	5	11	PK 332- 0.1		47	1.00
16183-4958	91	6	20	G333.610		340	1.00
16251-4929	95	2	20	G334.714		3	1.00
18096+0650	95	3	7	NGC6572		5	1.00
18276-1431	05	1	3	RAFGL 5497		3	1.00
18355-0532	50	5	21	26.536		8	1.00
19111+1048	91	7	21	45.125		34	1.00
19120+0917	91	2	21	43.890		4	1.00
19207+1410	72	4	21	49.204		30	1.00

TABLE 38.– CONTINUED.

AUTOCLASS CLASS = 1 (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
19592+3302	71	3	3	RAFGL 2492		7	1.00
19598+3324	72	3	11	PK 70+ 1.1		43	1.00
20028+3910	50					5	1.00
22176+6303	76	3	22	S140		34	1.00
23185+6055	51	7	1	MO CAS		10	1.00

AUTOCLASS CLASS = 2

Name	Cl	Nid	Cat	Source	Type	In	Prob
04395+3601	62	1	11	PK 166- 6.1		30	1.00
06104+1524A	80					3	1.00
07027-7934	73					5	1.00
08189-3602	92	7	11	PK 254+ 0.1		8	0.78
						(1	0.22)
09517+6954	81	15	6	N3034		12	1.00
09578-5649	72	3	40		B8 IV/V	6	1.00
12331-6134	92	5	20	G301.108		11	1.00
14039-6113	91	3	20	G311.894		16	1.00
14562-5406	80	3	7	HEN1044		13	1.00
15254-5621	91	1	20	G323.470		10	1.00
17078-3927	50					10	1.00
17242-3513	72	3	20	G352.611		11	1.00
17577-2320	91	5	22	S28		9	1.00
18032-2032	91	4	21	9.615		12	1.00
18092-1742	50	3	22	S40		5	1.00
20220+3728	51					6	1.00
20286+4105	80	2	23	MRSL 079+01/3		5	1.00
21078+5211	50					7	1.00

AUTOCLASS CLASS = 3

Name	Cl	Nid	Cat	Source	Type	In	Prob
04547+4753	80	4	22	S217		4	1.00
05305+3029	80					3	1.00
06572-0742	80	3	22	BFS62		6	1.00
07358-3243	75					3	1.00
10019-5712	77					3	1.00
12437-6218	80					4	1.00
14382-6017	81	4	20	G316.155		9	1.00
15278-5620	76					11	1.00
15584-5247	91					5	1.00
16164-4929	81	1	20	G333.724		8	1.00
16396-4429	81					8	1.00
17545-2357	80	1	21	5.632		5	1.00
18162-2048	74	2	3	RAFGL 2121		11	1.00
19213+1723	81					5	1.00
20319+3958	81					8	1.00
22308+5812	81	2	22	S138		7	1.00
22539+5758	80					3	1.00

TABLE 38.– CONCLUDED.

AUTOCLASS CLASS = 4

Name	Cl	Nid	Cat	Source	Type	In	Prob
06319+0415	53	1	3	RAFGL 961		8	1.00
11312-6955	82	3	7	100546	B9VNE	7	1.00
15198-5658	69	2	11	PK 322- 0.1		2	1.00
16133-5151	92	3	11	PK 331- 1.1		9	1.00
17109-3807	53	3	39	ADG348.7+00.3		3	1.00
18074-2043	50	6	20	G 9.970		11	1.00
18129-3053	05	3	7	167362		3	1.00
19219+0947	69	1	11	PK 45- 2.1		3	1.00

AUTOCLASS CLASS = 5

Name	Cl	Nid	Cat	Source	Type	In	Prob
05251-1244	91	2	7	IC 418		6	1.00
05573+3156	05	1	3	RAFGL 5174		3	1.00
17150-3224	74	1	3	RAFGL 6815S		6	1.00
19500-1709	05	1	13	163075	F8	3	1.00

TABLE 39.– CROSS-REFERENCE BY IRAS NAME OF SPLIT CLASS 21/γ0.

AutoClass classifications for the 102 LRS spectra
in >taylor>autoclass-x>data>lrs-5425>SPECTRA-CLASS21.BASE,
using the 101396.77 MML classification in
>taylor>autoclass-x>data>lrs-5425>DISPERSE>SPECTRA-80-1/21-10.WT-SET.

SORTED BY LRS NAME.

Name	AutoClass	Name	AutoClass	Name	AutoClass
02044+6031	(0 1.00)	11312-6955	(4 1.00)	17545-2357	(3 1.00)
02575+6017	(0 1.00)	12063-6259	(1 1.00)	17577-2320	(2 1.00)
03035+5819	(0 1.00)	12073-6233	(1 1.00)	18032-2032	(2 1.00)
04324+5106	(0 1.00)	12331-6134	(2 1.00)	18074-2043	(4 1.00)
04395+3601	(2 1.00)	12437-6218	(3 1.00)	18092-1742	(2 1.00)
04547+4753	(3 1.00)	14039-6113	(2 1.00)	18096+0650	(1 1.00)
05251-1244	(5 1.00)	14159-6038	(1 1.00)	18129-3053	(4 1.00)
05305+3029	(3 1.00)	14382-6017	(3 1.00)	18162-2048	(3 1.00)
05573+3156	(5 1.00)	14562-5406	(2 1.00)	18276-1431	(1 1.00)
06053-0622	(0 1.00)	14567-5846	(0 1.00)	18317-0757	(0 1.00)
06061+2151	(0 1.00)	15198-5658	(4 1.00)	18355-0532	(1 1.00)
06073+1249	(0 1.00)	15254-5621	(2 1.00)	19095+0930	(0 1.00)
06104+1524A	(2 1.00)	15278-5620	(3 1.00)	19111+1048	(1 1.00)
06319+0415	(4 1.00)	15290-5546	(0 1.00)	19120+0917	(1 1.00)
06412-0105	(0 1.00)	15502-5302	(1 1.00)	19207+1410	(1 1.00)
06572-0742	(3 1.00)	15530-5231	(0 1.00)	19213+1723	(3 1.00)
07027-7934	(2 1.00)	15544-5159	(0 1.00)	19219+0947	(4 1.00)
07358-3243	(3 1.00)	15567-5236	(1 1.00)	19500-1709	(5 1.00)
08189-3602	(2 0.78)	15584-5247	(3 1.00)	19592+3302	(1 1.00)
08375-4109	(0 1.00)	15596-5301	(0 1.00)	19598+3324	(1 1.00)
09002-4732	(0 1.00)	16128-5109	(1 1.00)	20028+3910	(1 1.00)
09032-3953	(1 1.00)	16133-5151	(4 1.00)	20068+3328	(0 1.00)
09517+6954	(2 1.00)	16164-4929	(3 1.00)	20220+3728	(2 1.00)
09563-5743	(0 1.00)	16183-4958	(1 1.00)	20255+3712	(0 1.00)
09578-5649	(2 1.00)	16251-4929	(1 1.00)	20286+4105	(2 1.00)
10019-5712	(3 1.00)	16313-4840	(0 1.00)	20319+3958	(3 1.00)
10031-5632	(0 1.00)	16362-4845	(0 1.00)	21078+5211	(2 1.00)
10123-5727	(1 1.00)	16396-4429	(3 1.00)	21190+5140	(0 1.00)
10197-5750	(1 1.00)	16586-4142	(0 1.00)	22134+5834	(0 1.00)
10286-5838	(1 1.00)	16594-4656	(0 1.00)	22176+6303	(1 1.00)
10320-5928	(1 1.00)	17078-3927	(2 1.00)	22308+5812	(3 1.00)
10460-5811	(1 1.00)	17109-3807	(4 1.00)	22539+5758	(3 1.00)
11143-6113	(1 1.00)	17150-3224	(5 1.00)	23133+6050	(0 1.00)
11304-6206	(0 1.00)	17242-3513	(2 1.00)	23185+6055	(1 1.00)

TABLE 40.– CROSS-REFERENCE BY AUTOCLASS CLASS OF SPLIT CLASS 33/ε1.

AutoClass classifications for the 138 LRS spectra
in >taylor>autoclass-x>data>lrs-5425>spectra-class33.base,
using the 125908.79 MML classification in
>taylor>autoclass-x>data>lrs-5425>disperse>spectra-80-1/33-10.wt-set.

SORTED BY AUTOCLASS CLASSIFICATION.

AUTOCLASS CLASS = 0

Name	Cl	Nid	Cat	Source	Type	In	Prob
05073+5248	24	3	4	TMSS +50137		34	1.00
07180-1314	25	1	3	RAFGL 5229		5	1.00
08002-3803	27	1	17	1003		5	1.00
08357-1013	25					7	1.00
10077-5304	26					5	1.00
11214-6448	26					4	1.00
11296-4431	24					5	1.00
11528-5902	24					4	1.00
12222-4652	22	2	16	05601	F3	5	1.00
13517-6515	24					12	1.00
14442-5848	26					5	1.00
15174-4821	25					3	1.00
15236-5556	23					5	1.00
16335-4707	24					22	1.00
16414-4941	24					4	1.00
16446-4243	23					6	1.00
16538-4135	25					7	1.00
16589-3315	23					7	1.00
17362-3322	25					3	1.00
17436-1545	23					6	1.00
17559-2848	25					5	1.00
18027-2314	23					4	1.00
18083-2630	23	1	3	RAFGL 2086		21	1.00
18120-1417	23					4	1.00
18232-1003	25					3	1.00
19043+1009	25					7	1.00
20077-0625	23	4	4	TMSS -10529		143	1.00
20095+2726	25					4	1.00
20267+2105	24					9	1.00
20509+4212	24					3	1.00
21305+2118	26					6	1.00

AUTOCLASS CLASS = 1

Name	Cl	Nid	Cat	Source	Type	In	Prob
03113+5441	14	3	4	TMSS +50089		6	1.00
03513+1801	24					4	1.00
10287-5733	04					10	1.00
10323-4611	24					46	1.00
12384-4536	24					19	1.00
13203-5536	23					15	1.00
15152-6241	25					8	1.00
16031-4856	25					10	1.00
16119-3811	25					4	1.00
16146-5257	25					6	1.00
16337-4525	23					9	1.00
16451-4312	24					6	1.00
16567-4659	22					6	1.00
16580-4424	24					4	1.00
17109-3243	25					5	1.00
17209-3126	24					4	1.00
17239-2812	23					12	1.00
17368-3000	25					8	1.00
17507-1122	25					5	1.00

TABLE 40.– CONTINUED.

AUTOCLASS CLASS = 1 (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
18222-1544A	24					6	1.00
18322-1345	24					4	1.00
18373-0922	24					5	1.00
18373-0021	23	1	3	RAFGL 2222		12	1.00
18414-0527	25	1	3	RAFGL 5527		5	1.00
18450-0922	25					9	1.00
18530+0817	04	1	8	EIC 719		5	1.00
18567+0003	25					4	1.00
19007-3826	24	1	3	RAFGL 5553		19	1.00
19135+0931	24	1	3	RAFGL 2350		24	1.00
20217+3330	24					5	1.00
20365+1154	24					5	1.00

AUTOCLASS CLASS = 2

Name	Cl	Nid	Cat	Source	Type	In	Prob
04440+2605	23	2	1	RV TAU		4	1.00
06259-1301	24	3	7	45677		16	1.00
06491-0654	24	3	7	50138		9	1.00
07209-2540	24	3	1	VY CMA		1211	1.00
08510-5743	22					4	1.00
09256-6324	22	3	1	IW CAR	F7/8+A3/5 (IB/II)	14	1.00
10171-6205	24					5	1.00
11575-7754	25	3	7	104237	B/APE	4	1.00
14297-6010	23					5	1.00
14572-6038	24					4	1.00
16038-5008	22					5	1.00
16061-5037	14					3	1.00
16061-4555	13					6	1.00
18004-2259	23	1	1	V1951 SGR		5	1.00
18022-1432	14					4	1.00
18038-1614	14					4	1.00
18107-1428	14					3	1.00
18171-1455	15					6	1.00
18245-0552	24					3	1.00
18306-2106	25					3	1.00
18471-0259	22					4	0.99
18481-0346	26	1	23	LDN 0547		4	1.00
18501+1019	63					3	1.00
18588-1915	25					3	1.00
19029+0933	24					4	1.00
19509+2930	14	6	1	EV CYG		4	1.00
21453+5959	23					3	1.00

AUTOCLASS CLASS = 3

Name	Cl	Nid	Cat	Source	Type	In	Prob
06250+6134	23	4	1	V LYN		6	1.00
09418-5842	25					3	1.00
10277-5742	23	2	40		M2 IAB/B	4	1.00
10595-6046	26	2	13	251221	M2 IB	9	1.00
11192-5638	25					3	1.00
11482-4718	27					4	1.00
15030-5319	23					4	1.00
15044-6022	25					4	1.00
15500-5135	26	1	7	-519596		4	1.00
16109-4651	26					6	1.00

TABLE 40.– CONCLUDED.

AUTOCLASS CLASS = 3 (continued)

Name	Cl	Nid	Cat	Source	Type	In	Prob
16240-4947	26					5	1.00
16405-4100	25					3	1.00
17484-2950	25					4	1.00
17571-1915	24					3	1.00
18139-1811	25					5	1.00
18142-0217	24					4	1.00
18248-0102	25					4	1.00
18341+0005	25					4	1.00
18409+0431	25					3	1.00
18425-0736	27					4	1.00
18430-0634	25					5	1.00
18478-1643	27					3	1.00
18493-0413	26					4	1.00
19282+2253	26					4	1.00
19333+1918	26					4	1.00

AUTOCLASS CLASS = 4

Name	Cl	Nid	Cat	Source	Type	In	Prob
03074-8732	27					11	1.00
06297+4045	27	3	4	TMSS +40156		12	1.00
10379-5817	25					13	1.00
13341-6246	26	1	39	AG G308.1-0.6		10	1.00
14465-6000	27					5	1.00
15099-5509	26					34	1.00
15254-7718	27					5	1.00
15260-5747	26	1	7	WRA1316		5	1.00
15356-6722	27					7	1.00
15432-5200	25					6	1.00
15449-5623	26					6	1.00
16064-4200	27					8	1.00
16077-5830	26					5	1.00
16222-4738	27					13	1.00
16280-4154	26					6	1.00
17122-2707	24					10	1.00
17382-1704	27					4	1.00
18069+0911	28					8	1.00
18115-2139	26					8	1.00
18417-0103	25					5	1.00
18476+0555	26					5	1.00
19178-2620	26	1	3	RAFGL 2370		13	1.00
20215+3205	27					7	1.00
21073+5138	26					4	1.00

TABLE 41.– CROSS-REFERENCE BY IRAS NAME OF SPLIT CLASS 33/ε1.

AutoClass classifications for the 138 LRS spectra
in >taylor>autoclass-x>data>lrs-5425>SPECTRA-CLASS33.BASE,
using the 125908.79 MML classification in
>taylor>autoclass-x>data>lrs-5425>DISPERSE>SPECTRA-80-1/33-10.WT-SET.

SORTED BY LRS NAME.

Name	AutoClass	Name	AutoClass	Name	AutoClass
03074-8732	(4 1.00)	15356-6722	(4 1.00)	18120-1417	(0 1.00)
03113+5441	(1 1.00)	15432-5200	(4 1.00)	18139-1811	(3 1.00)
03513+1801	(1 1.00)	15449-5623	(4 1.00)	18142-0217	(3 1.00)
04440+2605	(2 1.00)	15500-5135	(3 1.00)	18171-1455	(2 1.00)
05073+5248	(0 1.00)	16031-4856	(1 1.00)	18222-1544A	(1 1.00)
06250+6134	(3 1.00)	16038-5008	(2 1.00)	18232-1003	(0 1.00)
06259-1301	(2 1.00)	16061-4555	(2 1.00)	18245-0552	(2 1.00)
06297+4045	(4 1.00)	16061-5037	(2 1.00)	18248-0102	(3 1.00)
06491-0654	(2 1.00)	16064-4200	(4 1.00)	18306-2106	(2 1.00)
07180-1314	(0 1.00)	16077-5830	(4 1.00)	18322-1345	(1 1.00)
07209-2540	(2 1.00)	16109-4651	(3 1.00)	18341+0005	(3 1.00)
08002-3803	(0 1.00)	16119-3811	(1 1.00)	18373-0021	(1 1.00)
08357-1013	(0 1.00)	16146-5257	(1 1.00)	18373-0922	(1 1.00)
08510-5743	(2 1.00)	16222-4738	(4 1.00)	18409+0431	(3 1.00)
09256-6324	(2 1.00)	16240-4947	(3 1.00)	18414-0527	(1 1.00)
09418-5842	(3 1.00)	16280-4154	(4 1.00)	18417-0103	(4 1.00)
10077-5304	(0 1.00)	16335-4707	(0 1.00)	18425-0736	(3 1.00)
10171-6205	(2 1.00)	16337-4525	(1 1.00)	18430-0634	(3 1.00)
10277-5742	(3 1.00)	16405-4100	(3 1.00)	18450-0922	(1 1.00)
10287-5733	(1 1.00)	16414-4941	(0 1.00)	18471-0259	(2 0.99)
10323-4611	(1 1.00)	16446-4243	(0 1.00)	18476+0555	(4 1.00)
10379-5817	(4 1.00)	16451-4312	(1 1.00)	18478-1643	(3 1.00)
10595-6046	(3 1.00)	16538-4135	(0 1.00)	18481-0346	(2 1.00)
11192-5638	(3 1.00)	16567-4659	(1 1.00)	18493-0413	(3 1.00)
11214-6448	(0 1.00)	16580-4424	(1 1.00)	18501+1019	(2 1.00)
11296-4431	(0 1.00)	16589-3315	(0 1.00)	18530+0817	(1 1.00)
11482-4718	(3 1.00)	17109-3243	(1 1.00)	18567+0003	(1 1.00)
11528-5902	(0 1.00)	17122-2707	(4 1.00)	18588-1915	(2 1.00)
11575-7754	(2 1.00)	17209-3126	(1 1.00)	19007-3826	(1 1.00)
12222-4652	(0 1.00)	17239-2812	(1 1.00)	19029+0933	(2 1.00)
12384-4536	(1 1.00)	17362-3322	(0 1.00)	19043+1009	(0 1.00)
13203-5536	(1 1.00)	17368-3000	(1 1.00)	19135+0931	(1 1.00)
13341-6246	(4 1.00)	17382-1704	(4 1.00)	19178-2620	(4 1.00)
13517-6515	(0 1.00)	17436-1545	(0 1.00)	19282+2253	(3 1.00)
14297-6010	(2 1.00)	17484-2950	(3 1.00)	19333+1918	(3 1.00)
14442-5848	(0 1.00)	17507-1122	(1 1.00)	19509+2930	(2 1.00)
14465-6000	(4 1.00)	17559-2848	(0 1.00)	20077-0625	(0 1.00)
14572-6038	(2 1.00)	17571-1915	(3 1.00)	20095+2726	(0 1.00)
15030-5319	(3 1.00)	18004-2259	(2 1.00)	20215+3205	(4 1.00)
15044-6022	(3 1.00)	18022-1432	(2 1.00)	20217+3330	(1 1.00)
15099-5509	(4 1.00)	18027-2314	(0 1.00)	20267+2105	(0 1.00)
15152-6241	(1 1.00)	18038-1614	(2 1.00)	20365+1154	(1 1.00)
15174-4821	(0 1.00)	18069+0911	(4 1.00)	20509+4212	(0 1.00)
15236-5556	(0 1.00)	18083-2630	(0 1.00)	21073+5138	(4 1.00)
15254-7718	(4 1.00)	18107-1428	(2 1.00)	21305+2118	(0 1.00)
15260-5747	(4 1.00)	18115-2139	(4 1.00)	21453+5959	(2 1.00)

10.0 Notes on Individual Sources

Some of the stars are not associated with IRAS sources as expected, due usually to proper motion. Thus, probable associations are labeled "near" in the list. Numbers prefixed by CS mean the star name comes from catalog 17, *General Catalogue of Cool Carbon Stars*. Numbers prefixed by SS mean the star name comes from catalog 19, *General Catalog of S Stars.*

Class 0/α0

01443+6417	0/α0:4 - GL248 near DO24787, spectral type M4
03374+6229	0/α0:2 - U Cam, CS154, spectral type N5, C6,4
04307+6210	0/α0:1 - DO28389 (GL595), spectral type M6
04573-1452	0/α0:2 - R Lep, CS276, spectral type N6, C7,6e
05028+0106	0/α0:2 - W Ori, CS284, spectral type N5, C5,3
06183+1135	0/α0:3 - DO1513 (GL918, CS496), spectral type M2
06224+1701	0/α0:1 - GL5192 near GN Ori, spectral type M7
06331+3829	0/α0:2 - UU Aur, CS537, spectral type N3, C5,4
07065-7256	0/α0:1 - R Vol (GL4070, CS689), spectral type Me
07085-0018	0/α0:0 - GL5225 near V571 Mon, spectral type A8n
16538-4633	0/α0:0 - high [12]-[25] (1.6)
17556+5813	0/α0:1 - T Dra (GL2040, CS2512), spectral type M3I (or NE, C8e)
18040-0941	0/α0:1 - GL2067 near FX Sgr, spectral type M
18155-1519	0/α0:0 - GL2115, spectral type M4

Class 1/α1

21348+6825	L1199, dark cloud

Class 2/α2

02174+5655	FZ Per, spectral type M1Iab
06168-2608	U CMa, spectral type B4IIIeshell
16522-4616	CS2378, carbon star

Class 3/α3

22107+5702	OCL0229
23068+6117	60 μm and 100 μm excess, [25]-[60] = 5.05

Class 5/α5

Several sources have large [25]-[60]

00186+5940   5/α5:3 - MZ Cas, spectral type M5, [25]-[60] = 1.8

Class 6/α6

03452+5301	WX Cas (IRC+50107), spectral type M1, S star (SS62), [25]-[60] = 1.4
06012-2616	HR2140, spectral type K3III
12517-6447	CS2041, carbon star
17186-2914	SS523, S star

Class 7/α7

00042+4248	7/α7:5 - IRC+40004 (near KU And, GL14)
03030+5532	7/α7:4 - IO Per (GL434), spectral type M3Iab
04566+5606	7/α7:1 - TX Cam (GL664), spectral type M8.5
07284-0940	7/α7:5 - U Mon, spectral type F8-K0Ib
07308+3037	7/α7:5 - IRC+30187 (GL1141)
09429-2148	7/α7:3 - GL5259 near IW Hya, spectral type M9
14103-6311	7/α7:0 - SVS 06587, spectral type F7V
15255+1944	7/α7:1 - WX Ser (GL1773), spectral type M8.5e
17119+0859	7/α7:3 - GL1940 near V2108 Oph, spectral type M9
18050-2213	7/α7:5 - VX Sgr (GL2071), spectral type M4eIa
18560-2954	7/α7:1 - GL2289 near V395 Sgr, spectral type M9
19474-0744	7/α7:1 - GY Aql (GL2461), spectral type M6eIII
22017+2806	7/α7:4 - TW Peg (GL2837), spectral type M6g
22097+5647	7/α7:4 - CU Cep (GL2865), spectral type M4III
22345+5809	7/α7:2 - W Cep (GL2925), spectral type K0

Class 9/β2

11016-6000	9/β2:2 - spectral type A0V
20003-5552	9/β2:2 - RR Tel, spectral type F5ep, nova-like star

Class 10/β3

20135+5935   V786 Cyg, spectral type M6.5, possibly a Z And type supergiant variable

Class 11/β4

Few sources have 60 μm and 100 μm fluxes.

07179+2505   BM Gem (CS716), spectral type N,R

Class 12/β5

None of these sources have 60 μm and 100 μm fluxes.

Class 13/β6

Some of these sources may be in the process of evolving off the asymptotic giant branch to become planetary nebulae. The sources have low optical depth dust shells which begin further from the star than is normal. The mass loss process may have been recently interrupted.

20004+2955   V1027 Cyg, spectral type K8, irregular variable

Class 14/β7

These sources may, like class 13/β6, be ones in which mass loss has been recently interrupted, but at an earlier stage of evolution than class 13, since the colors are less extreme. It has been suggested that normal asymptotic giant branch stars suffer interruption in their stellar winds at intervals, when thermal pulses occur. These stars may have been caught in this process. It may also be, at least for some stars, that the mass loss process is unstable.

13568-6232   spectral type A2/5 V

Class 15/β8

06092+2255   15/β8:4 - HR2197, spectral type M1-2IaIab
12506-6004   15/β8:2 - SVS 06012 near HR5261, spectral type B2Ib
19071+2934   15/β8:4 - V Lyr, spectral type F5, RR Lyrae variable
19243+7135   15/β8:3 - YZ Dra, spectral type M8e, Mira variable

Class 16/β9

07197-1451	TT CMa, spectral type S, carbon star
13553-5908	spectral type B8/9III-IV
15397-6200	spectral type K5III

Class 17/β10

Few of these sources have 60 μm and 100 μm fluxes.

Class 18/β11

A large number of sources in this class have a relatively large [60]-[100].

Class 21/γ0

03035+5819	21/γ0:0 - GL437 (BFS26)
04395+3601	21/γ0:2 - GL618 (Pk166-6.1)
04547+4753	21/γ0:3 - S217
06073+1249	21/γ0:0 - S270
06319+0415	21/γ0:4 - NGC 2237 (GL961), Rosette nebula
06572-0742	21/γ0:3 - NGC 2316 (GL5217, BFS62), HII region
09517+6954	21/γ0:2 - NGC 3034 (M82), galaxy
10197-5750	21/γ0:1 - OH284.2-0.8 (GL4104, Rob22)
12063-6259	21/γ0:1 - He 2-77 (GL4144, Pk298-0.1)
14562-5406	21/γ0:2 - He 2-113 (GL4205, Hen 1044), spectral type WC
17577-2320	21/γ0:2 - W28C (GL5428)
18096+0650	21/γ0:1 - NGC 6572, line source
19111+1048	21/γ0:1 - G45.1+0.1
19598+3324	21/γ0:1 - NGC 6857 (GL2495, Pk70+1.1)
20255+3712	21/γ0:0 - S106
22176+6303	21/γ0:1 - S140
23133+6050	21/γ0:0 - S159

Class 22/γ1

10211-5922	HR Car, spectral type B2eq, Hubble-Sandage variable with a spectrum similar to that of a very low temperature blackbody.

Class 23/δ0

01069+3521	23/δ0:1 - SAO 54471 near β And (Mirach), spectral type M0IIIa
01490+8901	23/δ0:0 - α UMi (Polaris), spectral type F7Ib-II
02596+0353	23/δ0:2 - α Ceti (Menkar), spectral type M1.5III
03377+6303	23/δ0:0 - BD Cam, spectral type S5,3
04330+1624	23/δ0:2 - α Tau (Aldebaran), spectral type K5II
04352+6602	23/δ0:3 - T Cam, spectral type S5,7.5
05121-0815	23/δ0:5 - β Ori (Rigel), spectral type B8Iae
06225+1445	23/δ0:4 - BL Ori, spectral type C6,3
06429-1639	23/δ0:1 - α CMa (Sirius), spectral type A1V
07314-1424	23/δ0:4 - KQ Pup (HR2902), spectral type M2Iab+B2V
07366+0520	23/δ0:1 - α CMi (Procyon), spectral type F5IV-V
07422+2808	23/δ0:1 - SAO 79666 near β Gem (Pollux), spectral type K0IIIb
13470+1602	23/δ0:5 - υ Boo, spectral type K5III
13495+3441	23/δ0:6 - AW CVn (SAO 63793, GL1654), spectral type K5III (or M0)
14133+1925	23/δ0:1 - SAO100944 near α Boo (Acturus), spectral type K2IIIp
17123+1426	23/δ0:1 - α Her, spectral type M5Ib
18352+3844	23/δ0:0 - α Lyr (Vega), spectral type A0V
19162-1600	23/δ0:0 - V1942 Sgr (CS2721), spectral type C6
19438+1029	23/δ0:2 - γ Aql (Tarazed), spectral type K3II
19555+4407	23/δ0:5 - AX Cyg, spectral type C4,5

Class 24/δ1

01125+7128	24/δ1:0 - HR365, spectral type K1V
01358-5729	24/δ1:0 - α Eri (Achernar), spectral type B3Vpe
10158-2844	24/δ1:0 - HR4049, spectral type B9.5Ib-II
19483+0844	24/δ1:1 - α Aql (Altair), spectral type A7IV-V
20182-1456	24/δ1:0 - β Cap, spectral type F8V-A0V
23044+0908	24/δ1:0 - HR8795, spectral type M1IIIab

Class 25/δ2

00340+4412	HR152, spectral type K5-M0III
04492+3637	L1488, dark cloud
06089+2313	WY Gem, spectral type M2Iab+B, irregular variable
09157-5903	HR3699, spectral type A8Ib
21289-0547	HR8232, spectral type G0Ib
23518+5713	ρ Cas, spectral type G2Oe

Class 26/δ3

Very few sources have 60 μm and 100 μm fluxes.

09126-6930 β Car, spectral type A1III-IV

Class 27/δ4

Very few sources have 60 μm and 100 μm fluxes.

01416-1611   τ Ceti, spectral type G8IV
03258+5842   HR1040, spectral type A0Ia, and CED014, reflection nebula
10368-5855   HR4177, spectral type B9II-III+K4-5III
13522+1838   ε Boo, spectral type G0IV
16108-6333   HR6030, spectral type G2Ib-IIa

Class 28/δ5

Very few sources have 60 μm and 100 μm fluxes.

00065+5852   β Cas, spectral type F2IV
08433-5431   δ Vel, spectral type A0V
10389-5149   SS409, spectral type M4/5I(S)

Class 29/δ6

03305-0937   ε Eri, spectral type K2V

Class 30/δ7

The carbon stars in this class may be showing gas band absorptions, due to HCN, C_2H_2 and C_2H_6. Very few sources have 60 μm and 100 μm fluxes.

18306+3657   T Lyr (CS2608), R6, C5,3
19276+0247   HR7412, spectral type K5Ib

Class 31/δ8

00172+4425   31/δ8:0 - VX And (CS11), spectral type C4,5, gas bands visible
00536+6026   31/δ8:0 - γ Cas, spectral type B0.5eIV
05040+0028   31/δ8:0 - V430 Ori, spectral type M6
07314+3159   31/δ8:0 - α_2 Gem (Castor), spectral type A2V+A1V
08079-4711   31/δ8:1 - γ^2 Vel, spectral type WC8+O7.5e, possible emission feature at 15.5 μm
12057-5026   31/δ8:1 - δ Cen, spectral type B2IVe
12359+0715   31/δ8:0 - R Vir (HR4808), spectral type M4.5IIIe
17228-3959   31/δ8:1 - V644 Sco (CS2440), spectral type N
18448-0545   31/δ8:0 - R Sct (HR7066), spectral type G0eIa-K0pIb (K0Iab)

Class 31/δ8 continued

18498-0524 31/δ8:1 - SA0142733 near LP Sct, spectral type M5, possible 18.5 μm feature
19549+5842 31/δ8:1 - HR7633 (D037910), spectral type K5II-III
20208+0747 31/δ8:1 - IRC+10465, spectral type M7
20213+0047 31/δ8:0 - V865 Aql, spectral type S7,5

Class 32/ε0

A high percentage of sources have fluxes at all four wavelengths.

Class 33/ε1

04440+2605 RV Tau, spectral type G2eIa-M2Ia, variable supergiant prototype
06259-1301 HD 45677
07209-2540 VY CMa, spectral type M5eIb, brightest source in class (V-[12] = 17), not as high as IRC+10216
08002-3803 CS1003, carbon star, no 11 μm feature visible.
18481-0346 L547
20077-0625 IRC-10529 near V1300 Aql, spectral type M, very bright source at 12 μm

Class 34/ε2

Many sources have excess flux at 60 μm.

04188+2819 RY Tau, spectral type dF8e-dG2e(T), T Tauri type star
04525+3028 AB Aur, spectral type B9eIV-V, Orion-type variable (young star)
19244+1115 IRC+10420, evolved star, brightest source at 12μm in class

Class 36/ζ0

00087+5833 36/ζ0:4 - V376 Cas, spectral type B-A, Orion-type variable (young)
00450-2533 36/ζ0:2 - NGC 253, galaxy
02401-0013 36/ζ0:2 - NGC 1068, galaxy
06364+0846 36/ζ0:2 - R Mon, spectral type A-Fpe, Orion-type variable (young)
07013-1128 36/ζ0:1 - Z CMa, spectral type Pec, Orion-type variable (young star)
11066-7722 36/ζ0:2 - HD97048, spectral type A0peShell
18184-1302 36/ζ0:2 - MWC 922
21381+5000 36/ζ0:1 - V645 Cyg
22566+5830 36/ζ0:2 - S152

Class 37/ζ1

13225-4245 NGC 5128, galaxy
20379+5921 UU Cep, spectral type M3

Class 38/ζ2

The mean distance derived for this class is 8.7 kpc, assuming a uniform distribution of sources. However, these distant sources might have a ring structure around the center of the galaxy, and thus the distance derived would be different.

Class 39/ξ3

14092-6506 A1409-65, galaxy
22272+5435 SAO 34504 (DO41457), spectral type K5

Class 40/ζ4

00127+6058	40/ζ4:5 - S172
01144+6658	40/ζ4:2 - GL190, spectral type C
05361+4644	40/ζ4:1 - GL791 (DO29520), spectral type M6
06176-1036	40/ζ4:3 - HD44179 (GL915), spectral type B8-A0eIII, in Red Rectangle
06283+1028	40/ζ4:0 - VY Mon, V481 Mon and V540 Mon, (GL951, IC2167), spectral type eα
10028-5825	40/ζ4:0 - HD87643 (GL4767S)
12204-6203	40/ζ4:0 - Hen 781
17030-4266	40/ζ4:2 - MRSL 344-01/1
17360-3012	40/ζ4:1 - GL1992, spectral type M
17482-2824	40/ζ4:3 - GL5146S, spectral type E
18267-0606	40/ζ4:4 - MWC 300 (GL2170)
18281+2149	40/ζ4:0 - SAO 86134 (AC Her), spectral type F2pIb-K4e (Rp), RV Tau variable
18333+0533	40/ζ4:0 - GL2199, spectral type M
18540+0302	40/ζ4:5 - DO5207
19161+2343	40/ζ4:3 - GL2362, spectral type M
19192+0922	40/ζ4:3 - GL2374, spectral type M
20065+3509	40/ζ4:5 - L856
21023+5002	40/ζ4:0 - L988
21318+5631	40/ζ4:2 - L1085
23166+1655	40/ζ4:2 - GL3068, spectral type C
23541-7031	40/ζ4:4 - S201 (GL3181, Pk118+8.1), planetary nebula

Class 41/η0

10267-5658	spectral type K0III
18265-1908	Pk13-3.1, planetary nebula
21581+5707	GN Cep, spectral type M6

Class 42/η1

16271-5003	CS2336, carbon star

Class 43/θ0

13495-5217	HS Cen
15069-5502	CS2217, a carbon star
20160+0725	V470 Aql

Class 51/λ7

13081+4718	SY CVn, spectral type A0, RR Lyrae variable
17279-4950	α Ara (HR6510), spectral type B2Vne
19371+1627	HR7475, spectral type K4Ib

Class 54/λ10

16487+1025	IRC+10313, spectral type M8/9III, excess flux at 60 μm
20242+4058	IRC+40416, excess flux at 60 μm

Class 56/λ12

03507+1115	IK Tau, spectral type M6e-M10e, very bright at 12 μm
05524+0723	α Ori (Betelgeuse), spectral type M1-2Ia-Iab, very bright at 12 μm
08363-4643	SAO 220216, spectral type M7, very bright at 12 μm
11009-6117	CS1806, carbon star
19232+5008	CH Cyg, spectral type M6, very bright at 12 μm
23107-6833	SAO 255433, spectral type K2IIIp, very high galactic latitude

Class 62/λ18

02157+5843 T Per, spectral type M2Iab

Class 64/λ20

The similarity of the spectra from the oxygen-rich and carbon-rich sources in this class, with mild spectral features on a cold continuum, is interesting for the study of late-type star evolution.

03448+4432	64/λ20:2 - GL5102
05405+3240	64/λ20:2 - GL809, spectral type C
09452+1330	64/λ20:1 - CW Leo (IRC+10216, GL1381, Pk221+45.1), spectral type C
17375-3652	64/λ20:1 - NGC 6400 (GL5369), open cluster, may be a chance coincidence
18234-2206	64/λ20:3 - V2548 Sgr (GL2151), spectral type M3
19594+4047	64/λ20:2 - GL2494, spectral type C
20145+3656	64/λ20:4 - Pk74+1.1, planetary nebula, probably a chance coincidence
20310+4029	64/λ20:4 - MWC 349 (GL2603), source believed to have a viscous disk
21027+5309	64/λ20:3 - GL2699, spectral type C
21086+5238	64/λ20:2 - L1081, DO16793 (GL2155), spectral type M2V

Class 65/λ21

13573+2801	WY Boo, spectral type M5, very high galactic latitude
16052-3858	V856 Sco (HR5999), spectral type A7IVe

Class 68/λ24

06005+1344	DT Ori, spectral type M10
17478-2957	V762 Sgr, may be a chance coincidence

Class 69/λ25

01261-4334	69/λ25:0 - γ Phe, spectral type K4/5III
02143+4404	69/λ25:3 - W And, spectral type S8,2e
04459+6804	69/λ25:4 - ST Cam (CS240), spectral type N5, C5,4
04483+2826	69/λ25:2 - TT Tau (SAO 76788, CS254), spectral type C7,4
05090-1154	69/λ25:3 - RX Lep, spectral type gM6
06210+4918	69/λ25:3 - ϕ^1 Aur (HR2289), spectral type K5-M0Iab/Ia
06520-2407	69/λ25:4 - o_1 CMa (HR2580), spectral type K2Iab
06571+5524	69/λ25:2 - R Lyn, spectral type S3,9e

Class 69/λ25 continued

07399-1045	69/λ25:2 - SU Mon, spectral type S3,6
07559-5859	69/λ25:3 - SAO 235638 (HR3126), spectral type K5 (or M0III)
09582-5958	69/λ25:2 - SZ Car (CS1604), spectral type N3
10131+3049	69/λ25:3 - Cit 6 (CS1641), spectral type Ce, very bright 12μm flux
11213-1938	69/λ25:0 - T Crt
12427+4542	69/λ25:4 - Y CVn (CS2030), spectral type N3, C5,4
13462-2807	69/λ25:2 - W Hya, spectral type M8e, very bright 12 μm flux
14277+3904	69/λ25:4 - V Boo (GL4947S), spectral type M6e
15465+2818	69/λ25:1 - R CrB, spectral type G0Iep, variable class prototype
16269+4159	69/λ25:1 - 30 Her (g Her, HR6146), spectral type M6III
17086+4045	69/λ25:4 - DO15828 (GL1929), spectral type M7
18410+3654	69/λ25:2 - HR Lyr (CS2651), spectral type C7,4
18586-1249	69/λ25:3 - ST Sgr, spectral type S6,4e
19132-3336	69/λ25:1 - RY Sgr, spectral type G0ep, R CrB variable
19311-2332	69/λ25:0 - EP Vul, spectral type S8,7
19416+3422	69/λ25:4 - CS2783 near IN Cyg (GL2443), spectral type M6.5III
20026+3640	69/λ25:2 - AA Cyg, spectral type S7,5
20124+6605	69/λ25:4 - DO38210 (GL2535), spectral type M7
20466+2248	69/λ25:4 - FI Vul (GL2659), spectral type M7
21341+4508	69/λ25:1 - W Cyg (HR8262), spectral type M4e-M6 (M5IIIae)
23173+4823	69/λ25:0 - BE And near 11 And, spectral type K0III

Class 71/λ27

07149+0111	SS217, S star
07545-4400	SS278, S star
10282-5231	SAO 238126, spectral type G3III-IV
12519-6838	SVS 06021, spectral type M2Iab
14318-6107	CS2172, carbon star
15423-6534	spectral type M5Ib
15592-5437	SVS 07391, spectral type M8, outside group in color-color diagram
16215-5148	CS2328, spectral type NB
18313+0340	AG Ser, U Gem type eruptive variable

Class 72/λ28

02181+5738	PR Per, spectral type K5eIb-M2Ib
05428+1215	CS395, spectral type N, C7,4e
11000-6153	SAO 251227, spectral type F0Ib
11024-6241	SAO 251247, spectral type K5 (from cat 40: M0/1 Ib-II)
17419-1838	CS2478, spectral type NB, C7,3
17594-1910	CS2521, spectral type N0
19026-2528	chance coincidence with 524-G? 6 in catalog 14, spectrum and colors unusual for a galaxy.
23278+5908	SAO 35479, spectral type M2, very high [25]-[60] (= 3.6)

Class 74/λ30

05265-0443	74/λ30:6 - S Ori, spectral type M6.5e-M8e
06268+0849	74/λ30:5 - GL5196 near V477 Mon, spectral type M1
06342+0328	74/λ30:1 - GL971, spectral type M5
08439-2734	74/λ30:1 - CS1288, carbon star
12380+5607	74/λ30:4 - Y UMa, spectral type M7II-III:
13269-2301	74/λ30:6 - R Hya (HR5080), spectral type M7IIIe
15314+7847	74/λ30:4 - S UMi, spectral type M7e-M9e
16306+7223	74/λ30:4 - R UMi, spectral type M7e
16334-3107	74/λ30:4 - ST Sco (GL1870), spectral type S4,1
17534+2603	74/λ30:2 - 89 Her (HR6685), spectral type F2eIb, may be post-AGB star
18359+0847	74/λ30:6 - X Oph (HR7002), spectral type K1III+M6IIIe
18398-0220	74/λ30:1 - CS2642, carbon star
19008+0726	74/λ30:1 - CS2694, carbon star
20248-2825	74/λ30:6 - T Mic, spectral type M6e
21088+6817	74/λ30:6 - T Cep (HR8113), spectral type M7IIIe
21426+1228	74/λ30:4 - TU Peg, spectral type M7e-M8e
23320+4316	74/λ30:1 - IRC+40540 (GL3116), spectral type M8

Class 75/λ31

18569+0518	V492 Aql, spectral type M1, high [25]-[60] (= 2.6)

Class 78/λ34

00245-0652	UY Cet (SAO 128767), spectral type Ma, nearby since very high galactic latitude
01159+7220	SS21, S star
08011-3627	AR Pup, spectral type cF0-cF8, RV Tau variable
17109-3942	V915 Sco (HR6392), spectral type G5Ia, may be a chance coincidence
23554+5612	SS739, S star

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13.0 Appendix: AutoClass II Equations

The following is excerpted from Cheeseman et al., 1988a.

This appendix presents the Bayesian theory of finite mixtures, the mathematical basis of the AutoClass algorithm.

In the theory of finite mixtures, each datum is assumed to be drawn from one of m mutually exclusive and exhaustive classes. Each class is described by a *class distribution*, $p(x_i \mid x_i \in C_j, \vec{\theta}_j)$, which gives the probability distribution of the attributes of a datum if it were known to belong to the class C_j. These class distributions are assumed to be parameterized by a *class parameter vector*, $\vec{\theta}_j$, which for a normal distribution would consist of the class mean, μ_j, and variance, σ_j^2. The probability of an object being drawn from class j is called the *class probability* or mixing proportion, π_j. Thus, the probability distribution of a datum drawn from a mixture distribution is

$$p(x_i \mid \vec{\theta}, \vec{\pi}, m) = \sum_{j=1}^{m} \pi_j p(x_i \mid x_i \in C_j, \vec{\theta}_j). \qquad (1)$$

We assume that the data are drawn from an exchangeable (static) process—that is, the data are unordered and are assumed to be independent given the model. Thus, the *joint* probability distribution of a set of n data drawn from a finite mixture is

$$p(\vec{x} \mid \vec{\theta}, \vec{\pi}, m) = \prod_{i=1}^{n} p(x_i \mid \vec{\theta}, \vec{\pi}, m). \qquad (2)$$

For a given value of the class parameters, we can calculate the probability that an object belongs to each class using Bayes's theorem,

$$p(x_i \in C_j \mid x_i, \vec{\theta}, \vec{\pi}, m) = \frac{\pi_j p(x_i \mid x_i \in C_j, \vec{\theta}_j)}{p(x_i \mid \vec{\theta}, \vec{\pi}, m)}. \qquad (3)$$

Thus, the classes are "fuzzy" in the sense that even with perfect knowledge of an object's attributes, it will only be possible to determine the probability that it is a member of a given class.

We break the problem of identifying a finite mixture into two parts: determining the classification parameters for a given number of classes, and determining the number of classes. Rather than seeking an *estimator* of the classification parameters (the class parameter vectors, $\vec{\theta}$, and the class probabilities, $\vec{\pi}$), we seek their full posterior probability distribution. The posterior distribution is proportional to the product of the prior distribution of the parameters, $p(\vec{\theta}, \vec{\pi} \mid m)$, and the likelihood function, $p(\vec{x} \mid \vec{\theta}, \vec{\pi}, m)$:

$$p(\vec{\theta}, \vec{\pi} \mid \vec{x}, m) = \frac{p(\vec{\theta}, \vec{\pi} \mid m) p(\vec{x} \mid \vec{\theta}, \vec{\pi}, m)}{p(\vec{x} \mid m)}, \qquad (4)$$

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where $p(\vec{x} \mid m)$ is simply the normalizing constant of the posterior distribution, and is given by

$$p(\vec{x} \mid m) = \iint p(\vec{\theta},\vec{\pi} \mid m)p(\vec{x} \mid \vec{\theta},\vec{\pi},m)d\vec{\theta}\, d\vec{\pi}. \tag{5}$$

To solve the second half of the classification problem (determining the number of classes) we calculate the posterior distribution of the number of classes, m. This is proportional to the product of the prior distribution, $p(m)$, and the pseudo-likelihood function, $p(\vec{x} \mid m)$,

$$p(m \mid \vec{x}) = \frac{p(m)p(\vec{x} \mid m)}{p(\vec{x})}. \tag{6}$$

The pseudo-likelihood function is just the normalizing constant of the posterior distribution of the classification parameters (Equation 5). Thus, to determine the number of classes, we first determine the posterior distribution of the classification parameters for each possible number of classes. We then marginalize (integrate) out the classification parameters from the estimation of the number of classes—in effect, treating them as "nuisance" parameters.

In general, the marginalization cannot be performed in closed form, so AutoClass searches for the maximum of the posterior distribution of the classification parameters (using a Bayesian variant of Dempster and Laird's EM Algorithm [Dempster *et al.*, 1977]) and forms an approximation to the distribution about this maximum. Including the search, the algorithm is roughly linear in the amount of data multiplied by the number of classes. See Cheeseman *et al.* [1988] for full details of the AutoClass algorithm.

Note that in finding the posterior probability distribution over the number of classes, we are comparing models with different numbers of parameters. Maximum likelihood methods always favor models with more parameters, because these extra parameters can be adjusted to fit the data better. Bayesian model comparison, on the other hand, automatically penalizes additional parameters unless they substantially improve the fit to the data. That is, Bayesian model comparison has a built-in tradeoff between complexity of the model and the fit to the data. In the classification model, Equations 5 and 6 give this tradeoff. In particular the probability in Equation 6 does not automatically grow with additional classes, because the additional classes introduce additional parameters and so increase the dimensionality of the integral in the denominator (Equation 5). Unless the likelihood inside the integral is strongly increased by these additional parameters, the increased dimensionality will lower the total probability.

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16. Abstract

This document presents a new classification of Infrared spectra collected by the Infrared Astronomical Satellite (IRAS). The spectral classes were discovered automatically by a program called AutoClass II. This program is a method for discovering (inducing) classes from a data base, utilizing a Bayesian probability approach. These classes can be used to give insight into the patterns that occur in the particular domain, in this case, infrared astronomical spectroscopy. The classified spectra are the entire Low Resolution Spectra (LRS) Atlas of 5,425 sources. There are seventy-seven classes in this classification and these in turn were meta-classified to produce nine meta-classes. The classification is presented as spectral plots, IRAS color-color plots, galactic distribution plots and class commentaries. Cross-reference tables, listing the sources by IRAS name and by AutoClass class, are also given. These classes show some of the well known classes, such as the black-body class, and silicate emission classes, but many other classes were unsuspected, while others show important subtle differences within the well known classes.

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